Centennial TA

AGRICULTURAL STATISTICS

1989

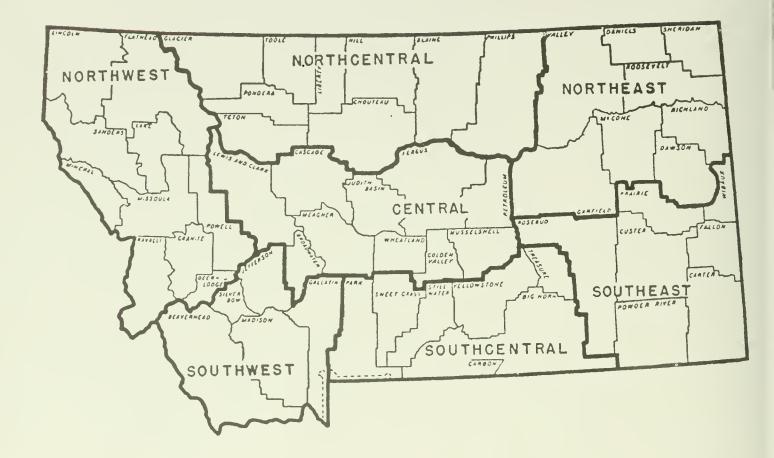
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MONTANA AGRICULTURAL STATISTICS DISTRICTS



ACKNOWLEDGEMENTS

We sincerely appreciate the following contributions to this year's bulletin:

DON GREYTAK for all pencil drawings throughout the bulletin.

MONTANA FARMER-STOCKMAN MAGAZINE for State Seal color separation.

MONTANA AGRICULTURAL STATISTICS

VOLUME XXVI

OCTOBER 1989

STATE OF MONTANA

STAN STEPHENS, GOVERNOR

MONTANA DEPARTMENT OF AGRICULTURE

EVERETT SNORTLAND, DIRECTOR

COOPERATING WITH

U.S. DEPARTMENT OF AGRICULTURE NATIONAL AGRICULTURAL STATISTICS SERVICE

CHARLES E. CAUDILL, ADMINISTRATOR

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STAN STEPHENS GOVERNOR

State of Montana Office of the Governor Helena, Montana 59620 406-444-3111



COMMENTS FROM THE GOVERNOR

1988 was a year hit hard by drought. However, timely moisture, higher prices, and a general feeling of optimism during this, our centennial year, have resulted in a much improved economic picture in Montana Agriculture. The dedication and hard work of farm and ranch business men and women will continue to have a profound impact on the state as we enter into the 1990's.

Access to information necessary to make sound business decisions certainly compliments our efforts to improve the business environment in our great state. It is my belief that the information provided through the private-public relationship that has developed with respect to the collection of the agricultural statistics contained in this bulletin is a valuable element of success in the business of agriculture. These statistics help agricultural producers evaluate alternatives and make informed decisions, putting them on a more equal footing in the markets with which they must deal.

As Governor, my goal is to see Montana prosper. A strong agricultural industry is paramount to economic growth.

Sincerely,

Stan Stephens Governor



STATE OF MONTANA DEPARTMENT OF AGRICULTURE

OFFICE OF THE DIRECTOR
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EVERETT M. SNORTLAND



MESSAGE FROM THE DIRECTOR

The statistics presented in this years agricultural statistics bulletin vividly depict the 1988 drought. Statewide statistics reflect the fact that crop and livestock production in virtually all of Montana was affected by the lack of moisture. Fortunately, crop insurance and other government assistance programs combined with improved prices to offset some of the financial loss that would have

otherwise been incurred. This buffer helped producers get through a tough period and in position to benefit from this years much more favorable weather/production conditions.

As a business, agriculture faces many uncontrollable factors. The influences that result in the dynamic nature of our industry make access to reliable information an essential aspect of conducting business. The information found in this bulletin can help reduce some of the uncertainties and facilitate more informed decisions.

Sincerely,

Everett Snortland Director

Evenett



NOTES FROM THE STATE STATISTICIAN

We are pleased and proud to present to the citizens of Montana this special *Centennial Edition* of Montana Agricultural Statistics. This twenty-sixth volume continues a series of data measuring Montana's agricultural production dating back to 1867--22 years prior to statehood. Montana's image was built upon cattlemen and cowboys. Beef production

was the first agricultural enterprise in Montana. The cattle industry developed to support the hearty appetites of the miners, then expanded to feed a rapidly growing nation.

A look back to 1889 shows Montana's cattle herd numbered 1,050 thousand head. That's less than half of the 2,350 thousand head on hand January 1, 1989. Montana farmers harvested only 26 thousand acres of wheat in 1889 compared with 5,435 thousand acres in 1989. Sheep outnumbered cattle back in '89. The 1,857 thousand head on hand January 1, 1889 were over three times the 568 thousand on hand this year.

We appreciate the excellent cooperation provided by Montana farmers, ranchers, and agribusinessmen who voluntarily contributed to this publication by answering survey questionnaires. Thanks also to our dedicated staff of statisticians, support personnel, and field and phone enumerators who collected and summarized this information. A special thanks to Wendy Bruski who had overall responsibility for layout, design, and conversion of this year's bulletin to laser print technology and to Ron Schumacher and Bonnie Heller who prepared the maps and graphs.

Lyle H. Pratt State Statistician

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MONTANA DEPARTMENT OF AGRICULTURE

The Department of Agriculture, through the Director, is responsible for administration of a \$6.5 million annual budget with 81.33 full-time and 10 seasonal employees. The Director oversees the department's four divisions and nine bureaus. The function of each division is summarized below.

The Centralized Services Division performs technical, fiscal, and administrative support functions for the department. Responsibilities of the division include activities for internal operations of the department.

The Environmental Management Division is responsible for the registration of 4,700 pesticide products; the training, certification and licensing of 1,257 commercial and government applicators, 878 operators, 544 pesticide dealers, and 7,538 private applicators. The division is also responsible for enforcement of the pesticide act and rules; providing technical environmental services to agriculture; providing an evaluation of pest management problems and programs; and providing analytical laboratory and consultative services to other agencies and the public.

The Vertebrate Pest Management program provides on-site demonstrations, educational materials and technical bulletins to assist producers in reducing damage caused by field rodents, birds and other larger mammals.

The Weed Control program is responsible for administering statewide efforts aimed at control and/or eradication of noxious and other weeds.

The Plant Industry Division is responsible for the administration and enforcement of regulatory laws controlling the production, manufacturing, and marketing of agricultural commodities exported from or distributed within Montana. The division investigates consumer complaints; performs technical inspections and surveys; issues federal-state grade certificates; and provides regulatory technical expertise and licenses for 4,900 bee yards, 650 nurseries, 650 feed dealers, 250 fertilizer dealers, 400 seed dealers, and 325 grain merchandisers. The division also registers some 3,300 commercial feed products and 1,000 fertilizers. The division's grain laboratory in Great Falls provides the only official grain grading services in the state.

The 51st Legislature created the Montana Mint Committee in HB 360. The Plant Industry Division provides administrative support to the committee.

The Agricultural Development Division is responsible for administering programs directed at promoting and enhancing Montana agriculture. The Agriculture Finance program is responsible for making grants and lower interest-rate loans available to rural youth, rural youth organizations, and other qualified farmers and ranchers. The division's Agricultural Assistance program is responsible for providing peer counseling, financial consulting, and debt mediation assistance. The State Hail Insurance program insures any type of crop growing in Montana from losses caused by hail damage.

The Marketing Program is responsible for market enhancement and development through direct market development activities and through grants and seed capital investments in new/innovative marketing and product developments. Statewide agricultural statistics and projections are developed through a Federal/State cooperative agreement administered through the division, which are made available through a comprehensive agricultural statistics bulletin and grain movement summary along with other production, price, and income reports. The division is also responsible for promoting and encouraging intensive scientific and practical research in all phases of wheat culture, production, and marketing under the guidelines and policies developed by the Montana Wheat and Barley Committee.

MONTANA CROP, LIVESTOCK, AND WEATHER DIGEST, 1988

JANUARY: A warm and very dry month with no snow cover. Wind damage to winter wheat was light. The crop was in mostly fair condition. Grazing was open in most areas.

FEBRUARY: Mild temperatures continued. Precipitation varied with much of central Montana receiving above normal amounts. The west and southwest were dry. Winter wheat was mostly in fair to good condition. Grazing, difficult at mid-month, was mostly open at month's end.

MARCH: Temperatures were above normal. Precipitation was varied with most areas receiving less than normal. Winter wheat remained in mostly fair to good condition. Wind damage was light to moderate.

APRIL: A very dry month. Soil moisture was mostly short in all areas. Seeding was ahead of normal, but emergence was slow. Hay and range grass growth was severely retarded.

MAY: Drought worsens. Winter wheat headed out in the driest areas. About one-third of the spring crop was very poor to poor, two-thirds fair to good. Stockwater shortages were widespread. Some ranges remained dormant. Weather warm and dry.

JUNE: Drought became critical. About three-fourths of all crops and ranges in very poor to poor condition. Weather mostly hot and dry.

JULY: Showers the first week gave a brief respite from the drought, but then a steady deterioration developed to month's end. Grain harvest started well ahead of normal because of drought-induced maturity. Livestock feed and stockwater shortages became critical.

AUGUST: Heat and drought continued in spite of widespread but localized showers. Winter wheat seeding delayed. Nearly all small grain crops harvested. About half of all livestock moved off of summer ranges.

SEPTEMBER: Cool weather and rains started about mid-month which gave encouragement for winter wheat seeding. By month's end soil moisture shortages had been eased in two-thirds of the state. Livestock movement from summer ranges slowed.

OCTOBER: Winter wheat seeding was completed during the first two weeks. Harvesting of row crops was completed well ahead of normal. The month ended with soil moisture supplies nearly 60% short. Emerged winter wheat condition was mostly fair to good.

NOVEMBER: Soil moisture shortages continued. Snowfall at mid-month provided protection for winter wheat but slowed grazing. Weather was mostly warm and dry.

DECEMBER: Soils remained dry although precipitation was above normal. Temperatures were mostly warm. Winter wheat was in fair to good condition. Hay and stubble fields were open for grazing.

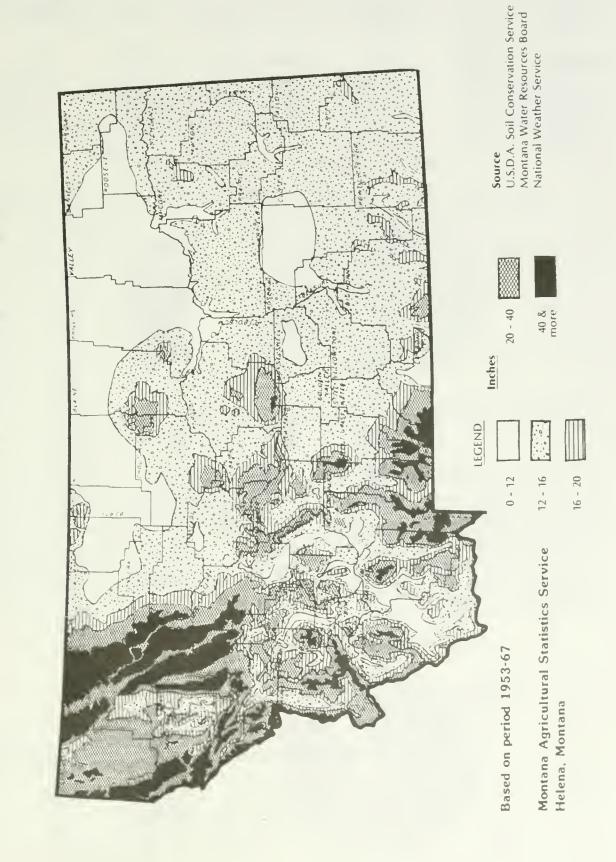
CLIMATOLOGICAL DATA: Precipitation and Number of Days Between Freezing Temperatures 1987-1988

COUNTY				PRECIPIT	'ATION			FROS	FREE D	AYS 1
&			ANNU			L - SEPTEN	/IBER	11100	TILLE D	110
DISTRICT	STATIONS	1987	1988	Normal ²	1987	1988	Normal ²	1987	1988	Normal 3
27.17.2.2.2.2		27.47	27.44	Incl		-700	110111111	1707	Days	rormar
									24,5	
Deer Lodge	Anaconda	13.96	9.19		11.10	5.77		106	73	
Flathead	Kalispell	15.54	14.94	15.93	9.20	8.52	8.55	106	116	135
Granite	Philipsburg	13.29	14.39	14.22	10.77	10.93	9.77	18	8	55
Lake	St. Ignatius	15.22	12.62	16.18	11.00	8.48	9.91	138	117	119
Lincoln	Fortine	11.00	15.04	17.25	7.22	 	9.60	98		39
Mineral	Superior	9.65	15.04	17.46	5.29	6.59	8.14	118	117	85
Missoula	Missoula Ovando	10.13 10.64	11.07 10.68	13.29	6.85 7.99	6.79	7.30	107	104	112
Powell	Hamilton	10.89	11.42	13.11	7.35	6.11 7.65	7.11	18 118	7 83	39 122
Sanders	Thompson Falls .	15.50	20.69	22.77	8.10	8.16	8.83	121	117	115
NORTHWEST	Averages	12.58	13.34	16.28	8.49	7.67	8.65	95	82	91
	augas		10.0	, 0220	0.17	, ,	0.00	,0	\ <u></u>	<i>,</i> ,
Blaine	Chinook			11.93	8.14		9.05	144		119
Chouteau	Ft. Benton	9.11	10.67	14.60	7.03	7.69	10.24	119	139	127
Glacier	Cut Bank	12.04	9.07	11.99	9.47	6.70	9.81	118	110	108
Hill	Havre	8.23	6.38	11.17	6.83	4.31	8.14	168	128	138
Liberty	Joplin			10.58			8.67			115
Phillips	Malta	12.90	9.59		10.85	7.55		155	117	131
Pondera	Valier	12.69	9.31	12.28	10.33	7.64	10.05	138	131	114
Teton	Fairfield	12.47 11 .24	9.25 9 .0 5	12.51 12.15	10.84 9. 07	6.97 6.81	9.80	141 1 40	131 126	125
NORTH CENTRAL	Averages	11.24	9.03	12.15	9.07	0.61	9.39	140	120	122
Daniels	Scobey		10.24	13.49		8.54	10.24		98	116
Dawson	Glendive	12.12	6.80	13.45	10.24	4.39	10.55	168	153	139
Garfield	Jordan	11.79	8.41	12.54	9.96	5.89	9.74	121	116	108
McCone	Vida	14.45		15.70	12.98	5.05	11.93	169	138	110
Richland	Savage		7.28	13.86		4.25	11.36	158	152	131
Roosevelt	Culbertson	12.87	6.93	14.29	11.38	4.96	11.40	108	107	114
Sheridan	Medicine Lake	11.83	8.53	14.30	10.66	6.39	11.44	172	138	107
Valley	Glasgow , .	9.24	7.48	11.55	7.69	5.90	9.07	172	138	124
NORTHEAST	Averages	12.05	7.95	13.65	10.49	5.67	10.72	153	130	119
Broadwater	Townsend	9.09	7.42	11.11	8.12	6.11	8.17	106	116	119
Cascade	Great Falls	14.04	11.80	15.24	11.38	8.20	10.20	139	131	135
Fergus	Lewistown	16.18	12.80	17.66	13.36	8.53	12.75	70	121	107
Golden Valley	Barber	11.21		12.49	10.00		9.41	138	103	108
Judith Basin	Stanford	13.97	16.69	15.34	10.97	11.40	11.51	129	115	104
Lewis & Clark	Helena	10.03	10.03	11.37	8.22	7.11	7.79	128	116	134
Meagher	White Slphr Spgs	14.25	8.87	15.77	12.46	6.51	9.16	84	113	97
Musselshell	Roundup	15.74	10.49	12.01	14.32	6.66	9.31	150	139	129
Petroleum	Flatwillow	12.54	10.91	13.33	11.01	8.00	10.16	128	154	122
Wheatland CENTRAL	Harlowton	13.51 13.06	10.02 11.00	12.88 13. 72	11.41 11.13	6.90 7.71	9.67 9.81	120 119	103 121	96 115
CIMITAL	Averages	13.00	11.00	13./2	11.13	7.71	9.01	119	121	113
Beaverhead	Dillon	14.60	7.85	9.53	13.31	6.75	7.18	106	73	99
Gallatin	Bozeman	15.55	15.61	18.63	13.17	10.64	12.20	120	131	107
Madison	Virginia City	15.83	13.46	16.26	13.82	9.44	11.29	106	72	94
Silver Bow		12.80	8.32	11.73	10.04	5.50	8.58	75	7	81
SOUTHWEST	Averages	14.70	11.31	14.04	12.59	8.08	9.81	102	71	95
Big Horn	Crow Agency	15.43	11.86	15.31	12.36	6.93	10.09	150	140	125
Carbon	Red Lodge	24.13	22.33	25.02	16.84	12.69	15.34	107	119	104
Park	Livingston	13.75	10.16	15.12	12.23	5.65	10.67	106	114	116
Stillwater	Columbus		13.16	13.87	9.44	8.36	9.80	149	122	121
Sweet Grass	Big Timber	12.82	11.08	15.20	11.08	7.37	10.77	121	114	123
Treasure	Hysham	11.43		12.77	8.92	6.90	9.21	101	155	121
Yellowstone	Billings	12.46	10.36	15.09	9.93	6.37	9.55	172	155	132
SOUTH CENTRAL	Averages	15.00	13.16	16.05	11.54	7.75	10.78	129	131	120
Contan	P11-1	14.60		1601	10.11	F 0.5	10.51	150	100	100
Carter	Ekalaka	14.62	 27	16.21	12.11	5.35	12.54	150	136	122
Custer Fallon	Miles City	13.33	5.27	14.11	12.12	2.80	10.29	169	167	150
Power River	Plevna	13.52 11.55	6.48 7.77	13.21 13.84	11.38 9.67	4.34 4.95	10.34 10.01	150 137	116 137	118 128
Prairie	Mildred	11.80	6.92	13.04	10.12	4.93	10.01	146	152	119
Rosebud	Forsyth	12.75	8.47		10.44	5.19		167	155	130
Wibaux	Wibaux	13.66		13.84	11.63	4.09	11.32	145	111	107
SOUTHEAST	Averages	13.03	6.98	14.24	11.07	4.51	10.90	152	139	125

SOURCE: THE NATIONAL WEATHER SERVICE, GREAT FALLS, MONTANA-NOAA.

 $^{^1}$ Days between last frost in spring to first frost in fall after June 30. 2 Normal for period 1951-1980. 3 Normal for period 1941-1970. $\,$ -- Data not available.

AVERAGE ANNUAL PRECIPITATION



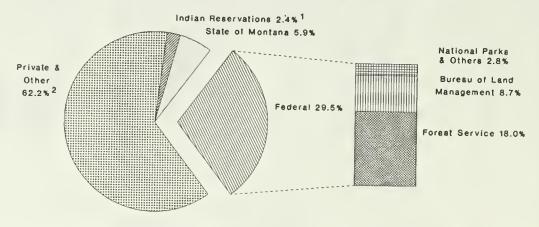
MONTANA FACTS AND FIGURES

Montana's 1980 population, at 786,690, was up 13 percent from 1970. Population density, measured in people per square mile, was 5.3 in 1980-third lowest in the United States. Montana's 60.6 million acres of land in farms and ranches ranks second in the nation behind Texas.

MONTANA POPULATION		LAND AND LAND UTILIZATION	
Total, 1980 Census People Per Square Mile Farm Population People Per Farm	786,690	Montana Total Land Area, Miles	147,138 Sq. Miles
	5.3	Montana Total Land Area, Acres	93.2 Mil. Acres
	67,546	All Land in Farms & Ranches ¹	60.6 Mil. Acres
	2.8	Proportion of Land in Farms & Ranches	65 Percent

¹ 1989 Preliminary.

MONTANA LAND AREA: Ownership as Percentage of Total



¹ Tribal lands only. ² Includes roads, railroads, airports, etc.

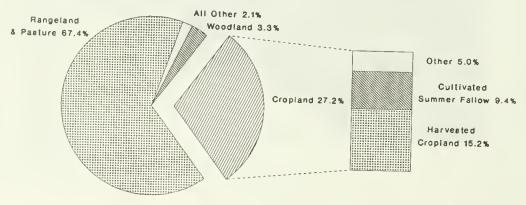
SOURCE: BLM "Public Land Statistics, 1983," USFS, BIA, State of Montana, Department of State Lands.

FARM COUNTS AND MEASUREMENTS, 1987

Number of Farms & Ranches 1	24,500	Real Estate Value/Farm or Ranch ³	\$406,988
Average Size of Farm or Ranch ¹	2,482 Acres	Average Value Per Acre 4	\$164
Total Farm & Ranch Assets ²	\$14.2 Bil.	Farm & Ranch Debt Per Operation 5	\$123,824
Average Value Per Farm or Ranch ²	\$579,735	•	•

¹ Places with annual sale of agricultural products of \$1,000 or more. ² Includes household, buildings, machinery, livestock, crops, savings and investments. ³ Includes dwelling and other farm buildings. ⁴ Per acre, land and buildings, February 1, 1988. ⁵ Includes real estate, non-real estate, and CCC loans.

LAND IN FARMS AND RANCHES: Utilization as Percentage of Total 1



¹ 1987 U.S. Census of Agriculture.

NUMBER OF FARMS, Montana, 1910-1949

Year	Number of Farms Thous.						
1910	28.8	1920	57.7	1930	55.0	1940	44.5
1911	31.5	1921	57.0	1931	54.5	1941	42.0
1912	34.0	1922	55.0	1932	54.0	1942	41.0
1913	37.0	1923	52.5	1933	53.5	1943	40.8
1914	40.0	1924	51.0	1934	53.0	1944	40.6
1915	45.0	1925	50.0	1935	52.0	1945	40.4
1916	50.0	1926	51.0	1936	50.0	1946	39.8
1917	54.0	1927	52.5	1937	48.0	1947	39.2
1918	56.0	1928	53.5	1938	46.0	1948	38.5
1919	57.0	1929	54.0	1939	45.0	1949	37.8

NUMBER OF FARMS, ALL LAND IN FARMS, AND AVERAGE SIZE OF FARMS, Montana, 1950-1989

Year	Number of Farms Thous.	All Land <u>in Farms</u> Thous. Acres	Average Size of Farms Acres
1950	37.2	65,000	1,747
1951	36.8	65,200	1,772
1952	36.4	65,500	1,799
1953	35.9	65,800	1,833
1954	35.4	66,100	1,867
1955	34.8	66,100	1,899
1056	34.2	66,200	1,936
	33.6		
	33.0	66,300	1,973
		66,500	2,015
1959	32.4 31.7	66,600	2,056
		66,700	2,104
1961	30.8	66,800	2,169
1962	30.1	66,800	2,219
1963	29.5	66,800	2,264
1964	28.9	67,200	2,325
1965	28.4	66,700	2,349
1966	28.0	66,200	2,364
1967	27.6	65,700	2,380
1968	27.1	65,200	2,406
	26.7	64,700	2,423
1970 1971	26.4 26.0	64,200	2,432
1000		63,700	2,450
1972	25.5 25.1	63,200	2,478
		63,000	2,510
	24.6	62,800	2,553
1975	23.4 1	62,200	2,693
1976	23.4	62,200	2,658
1977	23.5	62,100	2,643
1978	23.6	62,100	2,631
1979	23.7	62,100	2,620
1980	23.8	61,900	2,601
1981	23.9	61,700	2,582
1982	24.0	61,500	2,563
1983	24.1	61,300	2,544
1984	24.2	61,100	2,525
1985	24.3	61,000	2,510
1986	24.4	60,900	2,496
1987	24.5	60,800	2,482
1988	24.6	60,700	2,467
1989	24.7	60,600	2,453
1 Dlagge rubish he	d11C	المحمدال مساح المستعادية	-6.61.000

¹ Places which had annual sale of agricultural products of \$1,000 or more. Series initiated with 1975.

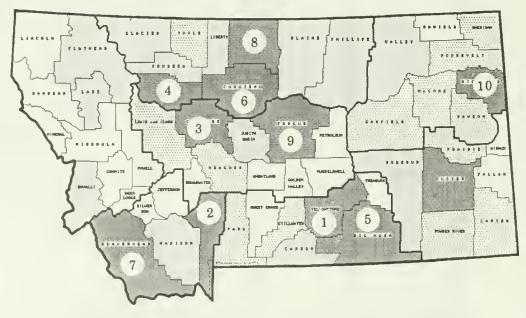
NUMBER OF LIVESTOCK FARMS, Montana, 1982-1988

ITEM	1982	1983	1984	<u>1985</u> Thousands	1986	<u>1987</u>	1988
All Cattle	16.0	16.3	16.6	16.2	16.0	15.7	15.7
Milk Cows	3.3	2.9	2.9	2.7	2.5	2.5	2.3
Hogs	2.0	1.8	1.8	1.6	1.4	2.0	2.0
All Sheep	2.5	2.7	2.8	2.9	2.9	2.9	3.1

CASH RECEIPTS: From the Sale of Principal Products and Government Payments, Montana, 1979-1988

	Livestock & Livestock <u>Products</u>	<u>Crops</u>	Total Receipts from <u>Marketing</u> Thousand Dollars	Government <u>Payments</u>	Total All Cash <u>Receipts</u>
1979	805,889	580,578	1,386,467	33,997	1,420,464
	746,877	652,847	1,399,724	58,484	1,458,208
	629,224	780,983	1,410,207	85,131	1,495,338
	654,022	898,355	1,552,377	116,916	1,669,293
	657,285	830,158	1,487,443	230,324	1,717,767
1984	716,563	662,969	1,379,532	239,609	1,619,141
	803,540	427,853	1,231,393	220,876	1,452,269
	652,099	471,769	1,123,868	344,450	1,468,318
	747,315	608,063	1,355,378	352,330	1,707,708
	816,200	569,853	1,386,053	386,734	1,772,787

CASH RECEIPTS FROM FARM MARKETINGS-1987 EXCLUDING GOVERNMENT PAYMENTS



Numbers show ranking of top ten.

Million Dollars 0-14.9

15.0-24.9

Million Dollars 25.0-39.9

40.0-97.5

CASH RECEIPTS: From Sale of Principal Products and Government Payments, 1987

COUNTY &	Livestock & Livestock		Total Receipts From	Government	All Cash
DISTRICT	<u>Products</u>	Crops	<u>Marketings</u> Thousand Dollars	<u>Payments</u>	Receipts
Deerlodge	2,972	391	3,363	268	3,631
Flathead Granite	14,683 8,970	10,562 488	25,245 9,458	2,352 160	27,597 9,618
Lake	20,381	12,286	32,667	1,889	34,556
Lincoln	1,821 702	187 197	2,008 899	2	2,008 899
Mineral	6,017	1,245	7,262	351	7,613
Powell	11,034	1,998	13,032	451	13,483
Ravalli	22,510 6,285	3,703 1,393	26,213 7,678	522 292	26,735 7,970
NORTHWEST	95,375	32,450	127,825	6,285	134,110
Blaine	15,708 14,555	12,451 36,664	28,159 51,219	12,028 33,518	40,187 84,737
Glacier	14,691	15,881	30,572	9,639	40,211
Hill	10,656 7,478	36,636 21,135	47,292 28,613	29,161 12,383	76,453 40,996
Phillips	18,481	10,742	29,223	12,443	41,666
Pondera	9,667 28,661	28,287 27,914	37,954 56,575	16,070 16,418	54,024 72,993
Teton	5,600	18,254	23,854	14,045	37,899
NORTH CENTRAL	125,497	207,964	333,461	155,705	489,166
Daniels	4,479	10,392	14,871	11,176	26,047
Dawson	10,108 16,448	13,144 6,074	23,252 22,522	7,935 6,003	31,187 28,525
McCone	6,769	12,565	19,334	10,568	29,902
Richland	18,129 4,981	26,521 17,438	44,650 22,419	9,406 12,317	54,056 34,736
Sheridan	4,645	12,259	16,904	15,027	31,931
Valley	15,547 81,10 6	14,945 113,338	30,492 1 94,444	15,271 8 7,7 03	45,763 282, 147
Broadwater	7,546	7,002	14,548	4,335	18,883
Cascade	43,591 25,442	19,318 21,810	62,909 47,252	11,035 12,319	73,944 59,571
Golden Valley	8,446	2,188	10,634	3,408	14,042
Judith Basin Lewis & Clark	15,977 12,258	12,476 4,350	28,453 16,608	6,077 1,383	34,530 17,991
Meagher	14,176	4,057	18,233	1,038	19,271
Musselshell	7,654	6,374	14,028	2,790 1,056	16,818 9,834
Petroleum	7,363 11,110	1,415 3,106	8,778 14,216	2,632	16,848
CENTRAL	153,563	82,096	235,659	46,073	281,732
Beaverhead	40,631 41,520	7,608 24,186	48,239 65,706	2,075 5,699	50,314 71,405
Jefferson	6,454	3,507	9,961	425	10,386
Madison	31,842	6,447 492	38,289 3,452	1,522	39,811 3,452
SOUTHWEST	2,960 1 23,40 7	42,240	165,647	9,721	175,368
Big Horn	36,405	19,231	55,636	5,218	60,854
Park	22,719 14,969	13,422 3,777	36,141 18,746	2,661 1,546	38,802 20,292
Stillwater	16,162	6,153	22,315	4,990	27,305
Sweet Grass	13,348 7,867	1,629 5,853	14,977 13,720	844 980	15,821 14,700
Yellowstone	73,273	24,175	97,448	7,526	104,974
SOUTH CENTRAL	184,743	74,240	258,983	23,765	282,748
Carter	16,975 34,873	3,060 5,148	20,035 40,021	3,823 2,972	23,858 42,993
Fallon	10,067	4,237	14,304	4,380	18,684
Prairie	18,483 11,286	3,503 5,326	21,986 16,612	1,827 2,930	23,813 19,542
Rosebud	24,429	11,001	35,430	4,078	39,508
Wibaux	4,369	2,537	6,906	3,020	9,926
SOUTHEAST	120,482	34,812	155,294	23,030	178,324
MONTANA	884,173	587,140	1,471,313	352,330	1,823,643

¹ Includes estimates of inter-farm sales and intra-state sales resulting in larger total cash receipts than shown in USDA estimates on other pages. ² Less than \$50,000, estimates are included in state total.

SOURCE: Bureau of Economic Analysis, U.S. Department of Commerce, Washington D.C.

CASH RECEIPTS: From Marketings by Commodities, Montana, 1984-1988 ¹

ITEM	<u> 1984</u>	<u> 1985</u>	1986	1987	1988
			Thousand Dol	lars	
LIVESTOCK and PRODUCTS					
Cattle and calves	597,832	689,332	537,562	622,071	693,345
Dairy products	44,375	43,852	41,338	40,878	41,254
Sheep and lambs	19,302	24,584	19,865	23,326	19,302
Wool	4,740	3,743	3,867	5,268	8,288
Hogs and pigs	26,855	21,954	24,503	31,257	30,633
Eggs	10,293	8,585	9,380	8,542	7,760
Chickens	186	168	189	149	174
Other ²	12,980	11,322	15,395	15,824	15,444
TOTAL	716,563	803,540	652,099	747,315	816,200
CROPS		•			
	426.000	057.410	066640	246.006	005.004
Wheat	436,280	257,413	266,649	346,086	325,024
Barley	129,732	60,799	86,528	139,325	109,208
Sugarbeets	14,768	28,791	39,726	42,463	43,550
Hay	47,476	49,187	45,721	38,940	54,437
Potatoes	14,460	15,844	9,367 888	12,311	11,297
Oats	2,252 1,302	1,247 2,011		1,583	2,075
Dry beans	1,637	1,538	1,570 1,283	1,473	1,752
Corn	932	2,255	480	1,442 2,280	2,218 1,042
All Other ³	14,130	8,768	19,557	22,160	19,250
TOTAL	662,969	427,853	471,769	608,063	569,853
1011111	002,707	127,000	1,71,707	000,000	507,055
ALL COMMODITIES	1,379,532	1,231,393	1,123,868	1,355,378	1,386,053

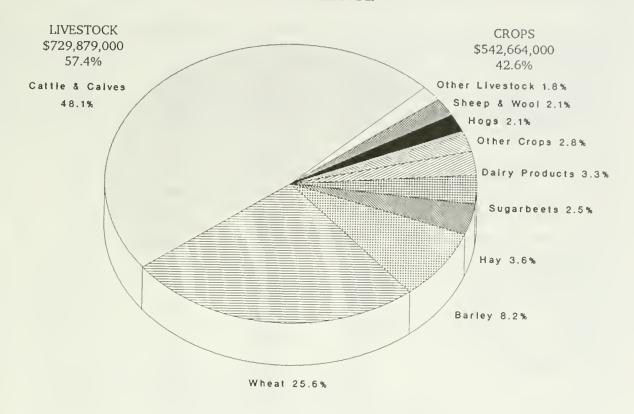
¹ Revised ² Includes honey, beeswax, bees; turkey & turkey eggs; rabbits; mink; and others ³ Includes other field crops and fruits; vegetables; seeds; and greenhouse, nursery and forest products.

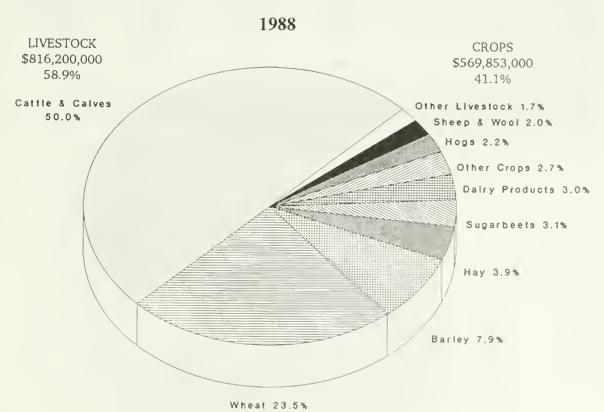
CASH RECEIPTS: From Marketings by Commodities, as a Percent of Total Receipts For All Commodities, Montana, 1984-1988 ¹

ITEM	<u>1984</u>	1985	<u>1986</u> Percent	<u>1987</u>	1988
LIVESTOCK and PRODUCTS			or ciccin.		
Cattle and calves Dairy products	43.3 3.2 1.4 0.3 1.9 0.8 0.9 51.9	56.0 3.6 2.0 0.3 1.8 0.7 0.9 65.3	47.8 3.7 1.8 0.3 2.2 0.9 1.4 58.0	45.9 3.0 1.7 0.4 2.3 0.6 1.2 55.1	50.0 3.0 1.4 0.6 2.2 0.6 1.1 58.9
CROPS					
Wheat Barley Sugarbeets Hay Potatoes Other TOTAL	31.6 9.4 1.1 3.4 1.0 1.5 48.1	20.9 4.9 2.3 4.0 1.3 1.3 34.7	23.7 7.7 3.5 4.1 0.8 2.1 42.0	25.5 10.3 3.1 2.9 0.9 2.1 44.9	23.5 7.9 3.1 3.9 0.8 1.9 41.1
ALL COMMODITIES	100.0	100.0	100.0	100.0	100.0

¹ Revised and details may not add to total because of rounding.

CASH RECEIPTS FROM MARKETINGS OF COMMODITIES, MONTANA 1 1984-1987 AVERAGE





¹ Details may not add because of rounding.

GROSS and NET INCOME FROM FARMING: Montana, 1984-1988 1

ITEM	1984	<u>1985</u>	<u>1986</u> Million Dollars	<u>1987</u>	1988
GROSS FARM INCOME ²	1,632.2	1,272.3	1,771.0	1,858.4	1,715.1
Cash Income Farm marketing Crops Livestock & products Government payments Other farm related income ³	1,633.2 1,379.5 663.0 716.6 239.6 14.0	1,469.5 1,231.4 427.9 803.5 220.9 17.2	1,482.1 1,123.9 471.8 652.1 344.5 13.7	1,724.5 1,355.4 608.1 747.3 352.3 16.8	1,787.5 1,386.1 569.9 816.2 386.7 14.7
Noncash Income Value of home consumption Rental value of dwellings	161.6 16.9 144.7	143.2 15.6 127.6	129.7 13.0 116.7	109.1 12.6 96.5	107.8 12.3 95.5
VALUE OF INVENTORY ADJUSTMENT	(162.6)	(340.3)	159.3	24.8	(180.3)
TOTAL PRODUCTION EXPENSES 2	1,736.9	1,543.4	1,508.1	1,499.3	1,472.8
INTERMEDIATE PRODUCT EXPENSES Farm origin Feed purchased Livestock & poultry purchased Seed purchased Manufactured inputs Fertilzer & lime Pesticides Fuel & oil Electricity Other Repairs & maintenance Other miscellaneous 4	735.3 175.9 121.1 32.1 22.7 279.0 85.7 48.3 123.6 21.5 280.4 89.9 190.5	696.8 163.7 105.3 36.3 22.1 255.0 69.2 50.5 114.0 21.3 278.0 89.3 188.7	614.3 158.4 91.3 47.5 19.6 194.9 47.4 45.4 82.9 19.3 261.0 88.7 172.3	650.1 185.3 101.9 63.6 19.8 199.0 51.9 46.4 76.9 23.7 265.8 89.9 176.0	714.3 219.1 135.5 63.0 20.7 209.0 57.1 47.7 78.6 25.5 286.1 91.5
INTEREST Real estate Nonreal estate	421.5 225.4 196.1	368.6 221.2 147.4	335.2 204.5 130.7	304.9 182.0 122.9	281.9 169.6 112.3
CONTRACT & HIRED LABOR S NET RENT FOR NON-OPERATOR LANDLORD CAPITAL CONSUMPTION PROPERTY TAXES	91.9 115.0 299.7 73.6	92.8 59.8 244.6 80.9	93.4 138.9 245.8 80.5	102.1 137.2 225.6 79.3	105.7 105.2 189.1 76.6
NET FARM INCOME	(104.7)	(271.1)	262.9	359.1	242.3

SOURCE: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, USDA-ERS.



Details may not add to total because of rounding.
 Includes operator dwelling.
 Includes forest products sales, recreational income, and other farm business-related income.
 Includes machine hire and customwork expenses; marketing, storage, and transportation expenses; and miscellaneous expenses.
 Includes contract labor expenses, hired labor wages and social security payments.

AGRICULTURAL SALES HIGHER IN 1988

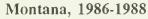
A comparison of selected Montana industries shows a 4 percent increase in agricultural cash income for 1988 in spite of a major drought. A closer look shows crop sales were up 2 percent, livestock sales up 9 percent while government payments increased by 10 percent.

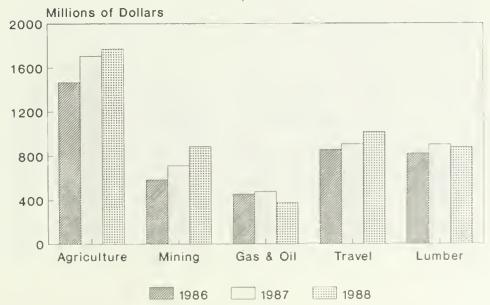
Gross sales in other industries were mixed. Travel receipts were up 12 percent while mining was up 24 percent. Gas and oil dropped 21 percent along with lumber which was off 3 percent.

	1986	1987 Millions of Do	1988 llars
Agriculture	1,468.3	1,707.7	1,772.8
Mining	586.9	712.6	883.4
Gas & Oil	453.5	476.4	374.8
Travel	854.3	905.2	1,014.0
Lumber	820.0	900.0	875.0

¹ Cash income including government payments.

A COMPARISON OF SELECTED INDUSTRIES





² Gross value, Montana Department of Revenue.

³ Montana Department of Commerce, Promotion Division.

⁴ Bureau of Business and Economic Research, University of Montana.

PRICES RECEIVED BY MONTANA FARMERS: Selected Commodities By Months, 1985-1989

@E	T TO E TO E	***		************	• • • • • • • • • • • • • • • • • • • •	***************	****************	•••••	*************				****************	
Crop	&r													Annual
Year		Jan.	<u>Feb.</u>	Mar.	Apr.	May	<u>June</u>	<u>July</u>	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
							"							
	ALL WHEAT							ars per B						
		3.52	3.47	3.49	3.51	3.54	3.49	3.36	3.26	3.40	3.51	3.65	3.67	3.49
		3.60	3.55	3.55	3.50	3.49	3.03	2.62	2.33	2.32	2.38	2.53	2.56	2.96
		2.65	2.54	2.54	2.56	2.64	2.57	2.34	2.38	2.57	2.66	2.78	2.74	2.58
1988		2.78	2.81	2.85	2.87	2.95	3.25	3.68	3.86	3.95	3.96	3.98	4.04	3.42
		4.01	4.02	4.08	4.13	4.06	4.10	4.00	3.81					
	WINTER WH													
1085		3.44	3.37	3.39	3.38	3.41	3.35	3.21	3.19	3.26	3.33	3.45	3.51	3.36
		3.43	3.36	3.22	3.24	3.18	2.65	2.43	2.20	2.19	2.24	2.36	2.40	2.74
		2.49	2.42	2.44	2.43	2.51	2.52	2.28	2.30	2.36	2.50	2.68	2.68	2.47
		2.73	2.77	2.80	2.82	2.83	3.01	3.30	3.31	3.55	3.79	3.83	3.89	3.22
1989		3.93	3.93	4.02	4.05	3.99	4.09	3.98	3.82					
	SPRING WHE	EAT EXCL	UDING D	URUM										
		3.64	3.59	3.62	3.73	3.74	3.69	3.54	3.32	3.49	3.58	3.81	3.83	3.63
1986		3.83	3.84	3.88	3.76	3.83	3.24	2.87	2.50	2.43	2.47	2.65	2.67	3.16
		2.79	2.64	2.65	2.66	2.77	2.56	2.31	2.46	2.61	2.66	2.80	2.74	2.64
		2.78	2.83	2.87	2.87	2.98	3.26	3.74	3.94	4.11	4.10	4.04	4.07	3.47
		4.16	4.11	4.20	4.20	4.15	4.12	4.04	3.81	7.11	4.10	7.04	4.07	3.47
1909		4.10	4.11	4.20	4.20	4.15	4.12	4.04	3.01					
1005	BARLEY	0.46	0.00	0.11	0.10	0.06	0.00	0.00	1.00	0.05	0.07	0.40		0.4.4
		2.46	2.20	2.11	2.13	2.06	2.02	2.20	1.96	2.05	2.26	2.12	2.06	2.14
		2.13	2.10	1.93	1.92	1.87	1.70	2.20	1.48	1.41	1.45	1.51	1.55	1.77
1987		1.62	1.63	1.70	1.64	1.68	1.63	2.13	1.84	2.09	1.62	2.06	2.07	1.81
1988		1.68	1.77	1.65	1.64	1.60	1.84	2.67	2.76	2.81	2.90	3.03	2.92	2.27
1989		2.95	2.98	2.76	2.86	2.72	2.41	2.15	2.61					
	ALL HAY						Do	llars per '	Ton					
1985		77.00	81.00	79.00	82.00	82.00	81.00	81.00	81.00	81.00	83.00	83.00	83.00	81.17
		85.00	89.00.	90.00	90.00	84.00	72.00	55.00	55.00		53.00		51.00	
										51.00		52.00		68.92
		51.00	46.00	45.00	45.00	45.00	50.00	50.00	47.00	46.00	47.00	47.00	45.00	47.00
		46.00	43.00	41.00	41.00	42.00	60.00	70.00	82.00	87.00	89.00	89.00	89.00	64.92
1989		93.00	92.00	99.00	104.00	101.00	85.00	67.00	70.00					
	BEEF CATTLE	Ξ					Dollars p	er Hundr	edweight-					
1985		49.40	54.30	51.90	52.70	49.10	43.60	41.80	43.50	45.10	46.70	47.40	42.30	47.32
		46.40	49.60	49.30	46.20	46.70	44.00	43.10	48.00	53.60	54.60	51.20	47.60	48.36
		55.30	59.40	60.10	61.40	56.10	51.80	51.90	59.00	67.90	67.80	62.00	60.30	59.42
		68.10	70.60	69.40	66.50	61.30	54.60	53.30	63.50	69.00	68.70	62.60	63.40	64.25
										09.00	00./0	02.00	03.40	04.25
1909		68.20	71.50	67.20	62.60	60.90	55.10	55.20	63.80					
	STEERS & HI													
		62.50	63.90	60.90	61.40	59.30	54.80	54.50	52.10	52.40	56.50	57.40	55.30	57.58
		56.50	58.00	55.50	52.40	53.70	53.30	51.80	55.20	58.30	60.20	61.10	61.20	56.43
1987		63.50	66.70	67.00	68.80	67.90	65.30	65.70	68.50	71.60	74.00	75.00	74.10	69.00
1988		80.30	78.70	77.80	75.00	73.10	70.20	69.50	75.50	76.20	81.80	79.10	79.10	76.36
1989		81.20	79.80	75.90	73.80	73.10	71.30	69.20	76.40					
	COWS													
1085		35.90	41.70	40.90	39.70	39.00	37.60	34.10	34.80	33.30	32.10	32.40	31.60	36.09
		34.00	38.50	37.90	34.60		36.50					35.10		
						36.30		37.30	37.10	36.50	35.10		35.50	36.20
		40.10	45.70	47.40	44.50	44.20	44.60	44.40	44.70	45.90	44.30	42.70	44.80	44.44
		48.30	51.60	49.80	50.70	49.50	45.10	46.30	45.50	45.70	44.30	42.50	44.30	46.97
1989		45.20	47.80	46.90	45.70	46.00	46.40	48.00	48.50					
	CALVES													
1985		63.20	66.30	65.80	67.60	64.60	59.50	64.60	65.40	58.10	61.70	61.30	56.60	62.89
		60.30	59.90	60.60	59.50	60.40	59.10	58.30	61.40	62.60	62.90	62.90	66.80	61.23
1987		70.40	72.90	72.10	74.90	72.30	74.50	72.50	85.70	88.30	83.50	84.00	85.90	78.08
		90.10	90.50	91.70	86.70	84.30	81.80	92.90	97.00	91.30	90.20	91.10	89.00	89.72
		90.20	92.20	88.60	85.10	86.30	87.70	83.90	92.40	71.50	70.20	71.10	07.00	07.72
1,00	LAMBS	70.20	/4.20	00.00	00.10	00.50	07.70	03.90	72.70					
1005		62.70	67.10	66 50	E 6 00	E0.00	65.00	60.00	60.70	60.00	64.00	62.60	50.00	64.45
		63.70	67.10	66.50	56.80	58.00	65.20	69.80	69.70	68.90	64.20	63.60	59.90	64.45
		66.80	69.60	59.60	57.60	58.40	68.10	70.80	66.60	64.30	64.10	71.30	76.30	66.13
		78.00	77.00	75.50	70.50	66.50	81.60	78.50	79.30	81.30	82.60	76.90	82.70	77.53
		90.60	80.20	72.80	68.70	72.20	62.50	61.30	61.90	63.60	67.60	70.00	71.20	70.22
1989		69.00	68.40	67.50	61.30	65.10	68.50	65.50	67.60					
	11OGS													
1985		43.00	43.40	38.50	36.10	36.10	37.10	37.80	35.60	31.50	35.60	35.40	35.00	37.09
		35.40	35.80	33.60	35.50	40.10	45.50	50.40	53.20	49.20	46.70	44.60	45.80	42.98
		42.20	44.10	41.60	44.00	47.60	52.90	53.90	52.20	48.50	43.00	33.60	33.20	44.73
		33.60	40.10	35.90	34.80	40.40	40.50	38.20	40.40	35.40	34.00	31.30	33.90	36.54
1989		36.60	38.20	34.50	31.40	35.60	36.80	37.40	40.80					

FERTILIZER AND FERTILIZER MATERIALS SOLD IN MONTANA

	*****		*****	********		
MATERIALS	1983	1984	1985	<u>1986</u> Tons	1987	1988
Anhydrous Ammonia	62,645 67,855 11,699 4,957 46,033 25,830 4,005 1,565	45,870 80,416 10,995 3,272 39,684 19,396 3,699 1,110	32,827 64,862 7,361 1,135 34,726 13,145 3,332 1,434	34,970 63,729 6,380 1,230 39,725 22,416 11,664 ²	45,567 63,469 8,334 1,702 71,185 14,087 8,567 ²	22,181 54,121 7,531 836 52,774 10,178 6,334 ²
Potash Compost Gypsum, Lime & Sulphur Micronutrient Materials	18,100 772 4,619 1,368	18,559 197 4,027 1,115	16,553 924 1,994 1,423	17,421 1,787 2,083 352	19,477 1,525 1,499 813	17,186 730 1,541 608
AMMONIATED PHOSPHATES & MI	XTURES					
18-46-0 16-20-0 11-48-0 - 11-55-0 30-10-0 10-34-0 (Liquid) 2-1-0 Ratios 1-1-0 Ratios 1-1-1 Ratios Misc. Custom Blends Misc. Spec Fertilizers	65,148 17,512 81,758 1,349 14,228 3,215 1,022 1,031 10,472 2,224	50,984 16,033 78,492 1,016 10,799 4,721 2,410 1,823 10,862 1,047	51,446 17,170 58,429 536 7,326 2,843 1,396 383 6,157 485	48,063 14,375 57,992 ³ 599 7,946 1,885 628 1,399 2,983 N/A	54,282 12,991 74,877 ³ 789 8,183 2,851 680 1,335 1,292 N/A	34,004 10,866 52,891 625 5,004 933 494 469 310 4 N/A
TOTAL All Fertilizers & Materials	447,407	406,567	325,887	337,627	393,505	279,616
TOTAL Nitrogen	134,025	115,449	91,414	96,082	120,496	117,088
TOTAL Phosphate	86,027	72,347	63,891	64,049	74,166	71,858
TOTAL Potash	11,883	11,967	10,426	10,453	11,815	12,275

¹ Montana Commercial Fertilizer Report ² All Phosphorus Materials ³ 11-52-0 ⁴ Other



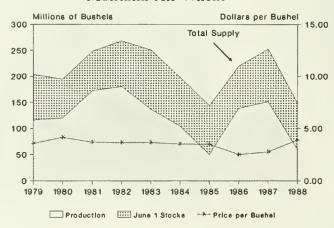
ALL WHEAT: Acreage, Production, Price, Total Value, and Value Per Acre, 1979-1988

	ACI	RES		DUCTION		VAL		
	<u>Planted</u>	Harvested for Grain	Yield <u>Per Acre</u> Bu	shels	Price Per Bu.	Value <u>Produc</u> Do		Value <u>Per Acre</u>
1979	5,985,000 5,970,000 6,040,000 5,750,000 4,810,000	5,125,000 5,100,000 5,820,000 5,360,000 4,455,000	22.7 23.5 29.7 33.6 30.7	116,475,000 119,800,000 172,830,000 180,320,000 136,930,000	3.56 4.14 3.68 3.65 3.67	414,368 495,624 636,472 657,774 503,088	1,000 2,000 1,000	80.85 97.18 109.36 122.72 112.93
1984	5,015,000 5,660,000 5,015,000 4,895,000 4,730,000	4,640,000 3,960,000 4,760,000 4,690,000 3,830,000	22.6 12.7 29.1 32.2 15.7	104,655,000 50,240,000 138,520,000 151,220,000 59,970,000	3.52 3.47 2.52 2.74 3.90	368,024 174,147 348,764 414,186 233,910	7,000 4,000 5,000	79.32 43.98 73.27 88.31 61.07
		IRRIGATED			TOTAL NO	ON-IRRIGAT	ED	
	Harvested for Grain Acres	Yield <u>Per Acre</u> Bus	Production hels	Harvested for Grain Acres		Yield Per Acre F	Produ Bushels	uction
1979	79,100 108,200 129,400 100,000 96,700	48.9 54.6 54.9 58.3 61.7	3,867,000 5,910,800 7,099,000 5,826,600 5,963,000	5,045,900 4,991,800 5,690,600 5,260,000 4,358,300)))	22.3 22.8 29.1 33.2 30.1	113,88 165,73 174,49	08,000 89,200 30,100 93,400 67,000
1984	114,600 114,500 114,500 121,000 112,000	55.3 47.2 56.2 61.0 44.5	6,340,900 5,403,000 6,433,000 7,327,000 4,979,000	4,525,400 3,845,500 4,645,500 4,569,000 3,718,000))	21.7 11.7 28.4 31.0 14.8	44,83 132,08 143,89	14,100 37,000 87,000 93,000 91,000
	NON-IRRI	GATED SUMMER	FALLOW	NON-II	RRIGATED	CONTINUC	USLY CF	ROPPED
	Harvested for Grain Acres	Yield <u>Per Acre</u> Bus	Production shels	Harves for Gr Acre	ain_	Yield <u>Per Acre</u> Bu	Prod shels	luction
1979	4,841,200 4,820,700 5,488,700 4,944,700 4,140,900	22.5 22.9 29.4 34.1 30.5	108,989,600 110,572,600 161,569,500 168,503,400 126,402,500	204,7 171,1 201,9 315,3 217,4	00 00 00	17.7 19.4 20.6 29.0 21.0	3,31 4,16 9,13	18,400 16,600 50,600 36,700 54, 5 00
1984	4,310,400 3,631,500 4,035,500 4,014,000 3,544,700	22.0 11.8 28.6 32.0 15.0	95,021,100 42,807,000 115,362,000 128,092,000 53,221,000	215,0 214,0 610,0 555,0 173,3	00 00 00	15.3 9.5 27.4 28.0 10.2	2,03 16,72 15,80	93,000 30,000 25,000 01,000 70,000

Montana All Wheat



Montana All Wheat



WINTER WHEAT: Acreage, Production, Price, Total Value, and Value Per Acre, 1979-1988

	ACE	RES	PROD	DUCTION		VALUE			
	Planted	Harvested for Grain	Yield <u>Per Aere</u>	<u>Total</u> Bushcls	Price Per Bu.	Value of ProductionDollars	Value Per Acre		
1979	3,000,000	2,250,000	25.5	57,375,000	3.49	200,239,000	89.00		
	2,600,000	2,150,000	25.5	54,825,000	3.90	213,818,000	99.45		
	2,700,000	2,550,000	35.0	89,250,000	3.63	323,978,000	127.05		
	2,450,000	2,120,000	38.0	80,560,000	3.65	294,044,000	138.70		
	2,550,000	2,260,000	35.0	79,100,000	3.57	282,387,000	124.95		
1984	2,700,000	2,480,000	27.0	66,960,000	3.41	228,334,000	92.07		
	2,460,000	1,400,000	16.0	22,400,000	3.28	73,472,000	52.48		
	2,150,000	2,000,000	32.0	64,000,000	2.39	152,960,000	76.48		
	2,300,000	2,200,000	36.0	79,200,000	2.66	210,672,000	95.76		
	2,450,000	2,100,000	19.0	39,900,000	3.75	149,675,000	71.27		

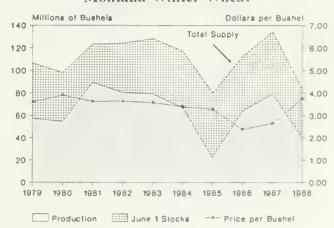
		IRRIGATED		TOTAL NON-IRRIGATED			
	Harvested for Grain Acres	Yield <u>Per Acre</u> Bush	Production nels	for Grain Acres	Yield Per Acre Bus	Production hels	
1979 1980 1981 1982 1983	16,200 23,000 19,000 13,000 13,500	48.9 56.1 56.0 56.5 57.4	791,500 1,290,200 1,064,000 735,000 775,500	2,233,800 2,127,000 2,531,000 2,107,000 2,246,500	25.3 25.2 34.8 37.9 34.9	56,583,500 53,534,800 88,186,000 79,825,000 78,324,500	
1984 1985 1986 1987	19,000 20,000 15,000 20,000 23,000	56.0 43.0 61.0 63.0 50.0	1,064,000 860,000 915,000 1,260,000 1,150,000	2,461,000 1,380,000 1,985,000 2,180,000 2,077,000	26.8 15.6 31.8 36.0 19.0	65,896,000 21,540,000 63,085,000 77,940,000 38,750,000	

	NON-IF	RRIGATED SUMME	ERFALLOW	NON-IRRIGATE	NON-IRRIGATED CONTINUOUSLY CROPPED			
	Harvested for Grain Acres	Yield <u>Per Acre</u> Bus	Production hels	Harvested for Grain Acres	Yield Per Acre Bu	Production shels		
1979	2,168,900 2,079,500 2,491,000 2,035,000 2,206,500	25.5 25.3 35.0 38.2 35.0	55,224,700 52,611,600 87,066,000 77,664,600 77,336,500	64,900 47,500 40,000 72,000 40,000	20.9 19.4 28.0 30.0 24.7	1,358,800 923,200 1,120,000 2,160,400 988,000		
1984 1985 1986 1987	2,378,000 1,289,000 1,690,000 1,915,000 1,986,700	27.0 15.9 32.1 37.0 19.0	64,319,000 20,448,000 54,235,000 69,940,000 37,650,000	83,000 91,000 295,000 265,000 90,300	19.0 12.0 30.0 30.0 12.0	1,577,000 1,092,000 8,850,000 8,000,000 1,100,000		

Montana Winter Wheat



Montana Winter Wheat



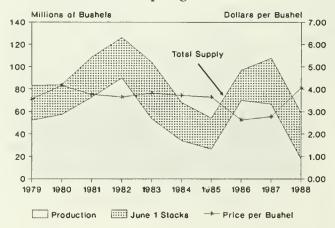
SPRING WHEAT EXCLUDING DURUM: Acreage, Production, Price, Total Value, and Value Per Acre, 1979-1988

	AC	RES	PROD	UCTION		VALUE	
	Planted	Harvested for Grain	Yield Per Acre Bu	Total shels	Price Per Bu.	Value of Production Dollar	n Per Acre
1979 1980 1981 1982 1983	2,650,000 2,900,000 2,850,000 2,950,000 2,050,000	2,550,000 2,550,000 2,790,000 2,900,000 1,990,000	20.5 22.5 26.0 31.0 27.0	52,275,000 57,375,000 72,540,000 89,900,000 53,730,000	3.54 4.15 3.76 3.65 3.81	185,054,00 238,106,00 272,750,00 328,135,00 204,711,00	93.37 90 97.76 90 113.15
1984 1985 1986 1987 1988	2,100,000 3,000,000 2,700,000 2,400,000 2,000,000	1,950,000 2,400,000 2,600,000 2,300,000 1,500,000	17.5 11.0 27.0 29.0 12,0	34,125,000 26,400,000 70,200,000 66,700,000 18,000,000	3.72 3.64 2.62 2.78 4.05	126,945,00 96,096,00 183,924,00 185,426,00 72,900,00	00 40.04 00 70.74 00 80.62
		IRRIGATED		٦	TOTAL NON	N-IRRIGATED	
	Harvested for Grain Acres	Yield <u>Per Acre</u> Bu	Production shels	Harvested for Grain Acres		Yield er Acre Busl	Production hels
1979	62,300 78,200 106,400 86,000 80,000	48.9 54.9 55.0 58.6 63.0	3,048,500 4,291,600 5,851,900 5,039,600 5,040,000	2,487,700 2,471,800 2,683,600 2,814,000 1,910,000		19.8 21.5 24.9 30.2 25.5	49,226,500 53,083,400 66,688,100 84,860,400 48,690,000
1984 1985 1986 1987	93,000 91,000 96,000 98,000 85,000	55.0 49.0 55.0 60.0 43.0	5,115,700 4,459,000 5,280,000 5,890,000 3,650,000	1,857,000 2,309,000 2,504,000 2,202,000 1,415,000		15.6 9.5 25.9 28.0 10.0	29,009,300 21,941,000 64,920,000 60,810,000 14,350,000
	NON-IRR	IGATED SUMMER	FALLOW	NON-IR	RIGATED C	ONTINUOUS	LY CROPPED
	Harvested for Grain Acres	Yield Per Acre B	Production Jushels	Harvest for Gra Acres	in Pe	Yield er Acre Bush	Production els
1979 1980 1981 1982 1983	2,371,000 2,351,200 2,541,700 2,602,200 1,750,000	20.0 21.6 25.2 31.3 26.0	47,406,200 50,732,000 63,992,300 81,527,100 45,500,000	116,7/ 120,6/ 141,9/ 211,8/ 160,0/	00 00 00	15.6 19.5 19.0 29.0 19.9	1,820,300 2,351,400 2,695,800 6,141,000 3,190,000
1984 1985 1986 1987	1,732,000 2,194,000 2,204,000 1,932,000 1,345,000	15.8 9.6 26.1 28.0 10.0	27,384,300 21,067,000 57,420,000 53,510,000 13,775,000	125,0 115,0 300,0 270,0 70,0	00 00 00	13.0 7.6 25.0 27.0 8.0	1,625,000 874,000 7,500,000 7,300,000 575,000

Montana Spring Wheat



Montana Spring Wheat



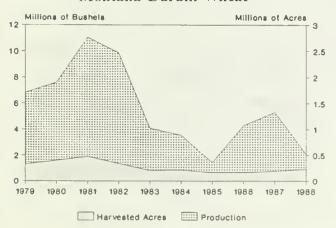
DURUM WHEAT: Acreage, Production, Price, Total Value, and Value Per Acre, 1979-1988

	ACF	ACRES		DUCTION	VALUE		
	Planted	Harvested for Grain	Yield <u>Per Acre</u> Bu	<u>Total</u> ushels	Price Per Bu.	Value of Production Dollars	Value <u>Per Acre</u>
1979	335,000	325,000	21.0	6,825,000	4.26	29,075,000	89.46
1980	470,000	400,000	19.0	7,600,000	5.75	43,700,000	109.25
1981	490,000	480,000	23.0	11,040,000	3.60	39,744,000	82.80
1982	350,000	340,000	29.0	9,860,000	3.61	35,595,000	104.69
1983	210,000	205,000	20.0	4,100,000	3.90	15,990,000	78.00
1984	215,000	210,000	17.0	3,570,000	3.57	12,745,000	60.69
	200,000	160,000	9.0	1,440,000	3.18	4,579,000	28.62
	165,000	160,000	27.0	4,320,000	2.75	11,880,000	74.25
	195,000	190,000	28.0	5,320,000	3.40	18,088,000	95.20
	280,000	230,000	9.0	2,070,000	5.50	11,385,000	49.50

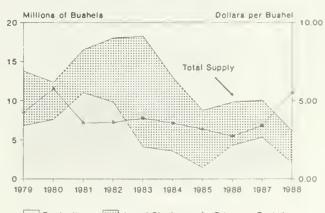
		IRRIGATED		TOTAL NON-IRRIGATED			
	Harvested for Grain Acres	Yield <u>Per Acre</u> B	Production ushels	11arvested for Grain Acres	Yield Per Acre [Production Bushels	
1979	600	45.0	27,000	324,400	21.0	6,798,000	
	7,000	47.0	329,000	393,000	18.5	7,271,000	
	4,000	46.0	184,000	476,000	22.8	10,856,000	
	1,000	52.0	52,000	339,000	28.9	9,808,000	
	3,200	46.1	147,500	201,800	19.6	3,952,500	
1984	2,600	62.0	161,200	207,400	16.4	3,408,800	
	3,500	24.0	84,000	156,500	8.7	1,356,000	
	3,500	68.0	238,000	156,500	26.1	4,082,000	
	3,000	59.0	177,000	187,000	28.0	5,143,000	
	4,000	45.0	179,000	226,000	8.0	1,891,000	

	NON-IRR	IGATED SUMMER	NON-IRRIGATED CONTINUOUSLY CROP			
	Harvested for Grain Acres	Yield <u>Per Acre</u> Bu	<u>Production</u> shels	Harvested for Grain Acres	Yield <u>Per_Acre</u> Bush	Production els
1979	301,300	21.1	6,358,700	23,100	19.0	439,300
	390,000	18.5	7,229,000	3,000	14.0	42,000
	456,000	23.1	10,511,200	20,000	17.2	344,800
	307,500	30.3	9,311,700	31,500	26.5	835,300
	184,400	19.3	3,566,000	17,400	22.2	386,500
1984	200,400	16.6	3,317,800	7,000	13.0	91,000
	148,500	8.7	1,292,000	8,000	8.0	64,000
	141,500	26.2	3,707,000	15,000	25.0	375,000
	167,000	28.0	4,642,000	20,000	25.0	501,000
	213,000	8.0	1,796,000	13,000	7.0	95,000

Montana Durum Wheat



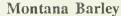
Montana Durum Wheat

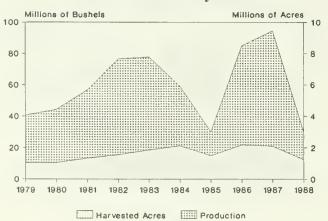


Production June 1 Stocks --- Price per Bushel

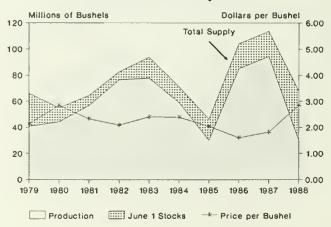
BARLEY: Acreage, Production, Price, Total Value and Value Per Acre, 1979-1988

	ACR:	ES	PRODUC	CTION		VALUE	
	Planted	Harvested for Grain	Yield Per Acre F	<u>Total</u> Bushels	Price Per Bu.	Value of <u>Production</u> Dol	
1979	1,100,000 1,180,000 1,400,000 1,650,000 1,950,000	1,040,000 1,050,000 1,320,000 1,560,000 1,850,000	39.0 42.0 43.0 49.0 42.0	40,560,000 44,100,000 56,760,000 76,440,000 77,700,000	2.13 2.83 2.32 2.08 2.40	86,393,00 124,803,00 131,683,00 158,995,00 186,480,00	118.86 99.76 101.92
1984	2,320,000 2,350,000 2,400,000 2,300,000 1,800,000	2,110,000 1,500,000 2,180,000 2,100,000 1,250,000	28.0 20.0 39.0 45.0 24.0	59,080,000 30,000,000 85,020,000 94,500,000 30,000,000	2.39 2.03 1.60 1.82 2.85	141,201,00 60,900,00 136,032,00 171,990,00 85,550,00	00 40.60 00 62.40 00 81.90
		IRRIGATED	•		TOTAL	NON-IRRIGATI	ED
	Harvested for Grain Acres	Yield <u>Per Acre</u> Bus	Production shels	for	vested <u>Grain</u> cres	Yield Per Acre B	Production ushels
1979	235,000 189,000 195,000 190,200 207,100	63.0 61.0 65.0 71.4 73.0	14,805,000 11,529,000 12,675,000 13,575,100 15,108,100	8 1,1 1,3	.05,000 .61,000 .25,000 .69,800 .42,900	32.0 37.8 39.2 45.9 38.1	25,755,000 32,571,000 44,085,000 62,864,900 62,591,900
1984	225,000 170,000 215,000 219,000 215,000	65.0 63.0 72.0 75.0 59.0	14,625,000 10,710,000 15,480,000 16,400,000 12,700,000	1,3 1,9 1,8	85,000 30,000 65,000 81,000 935,000	23.6 14.5 35.4 42.0 17.0	44,455,000 19,290,000 69,540,000 78,100,000 17,300,000
	NON-IR	RIGATED SUMMER	FALLOW	N	ON-IRRIGATEI	CONTINUOL	ISLY CROPPED
	Harvested, for Grain Acres	Yield Per AcreBusi	Production	_	Harvested for Grain Acres	Yield Per Acre Bush	Production
1979	639,000 708,500 882,700 845,600 1,096,400	32.5 38.5 39.4 48.1 39.5	20,775,000 27,250,500 34,816,200 40,645,000 43,320,900)))	166,000 152,500 242,300 524,200 546,500	30.0 34.9 38.3 42.4 35.3	4,980,000 5,320,500 9,268,800 22,219,900 19,271,000
1984	1,291,000 990,000 1,250,000 1,226,000 835,000	24.3 15.0 35.6 44.0 18.0	31,387,000 14,870,000 44,515,000 53,600,000 14,770,000)))	594,000 340,000 715,000 655,000 200,000	22.0 13.0 35.0 37.0 13.0	13,068,000 4,420,000 25,025,000 24,500,000 2,530,000





Montana Barley



OATS: Acreage, Production, Price, Total Value and Value Per Acre, 1979-1988

	ACR		PROD	UCTION		VALUE		
	Planted for Grain		Yield <u>Per Acre</u> Bu			Value of Production Dollars	Value Per Acre	
1979 1980 1981 1982 1983	321,000 220,000 220,000 260,000 210,000	125,000 73,000 110,000 150,000 120,000	39.0 44.0 44.0 51.0 44.0	4,875,000 3,212,000 4,840,000 7,650,000 5,280,000	1.49 1.96 1.89 1.51 1.58	7,264,000 6,296,000 9,148,000 11,552,000 8,342,000	58.11 86.24 83.16 77.01 69.52	
1984	220,000 225,000 200,000 235,000 210,000	105,000 70,000 90,000 110,000 90,000	37.0 33.0 46.0 55.0 31.0	3,885,000 2,310,000 4,140,000 6,050,000 2,790,000	1.77 1.50 1.37 1.49 2.35	6,876,000 3,465,000 5,672,000 9,015,000 6,557,000	65.49 49.50 63.02 81.95 72.86	

	Harvested for Grain Acres	IRRIGATED Yield Per AcreBu	Production shels	Harvested for Grain Acres	NON-IRRIGATEI Yield Per Acre Bu	Production shels
1979	30,400	59.0	1,794,000	94,600	32.6	3,081,000
	20,100	67.0	1,346,700	52,900	35.3	1,865,300
	24,000	69.0	1,656,000	86,000	37.0	3,184,000
	32,000	72.4	2,315,400	118,000	45.2	5,334,600
	24,300	74.9	1,819,200	95,700	36.2	3,460,800
1984	27,000	60.0	1,620,000	78,000	29.0	2,265,000
	21,000	61.0	1,281,000	49,000	21.0	1,029,000
	24,000	70.0	1,680,000	66,000	37.3	2,460,000
	21,000	81.0	1,700,000	89,000	49.0	4,350,000
	24,000	68.0	1,620,000	66,000	18.0	1,170,000



CORN: Acreage, Production, Price, Total Value, 1979-1988

	TOTAL			VESTED FOR C		HARVESTED FOR SILAGE Production			
	PLANTED	Harvested	Yield	uction	Price	Value of	Harvested	Yield	duction
	ACRES	Acres	Per Acre	Total	Per Bu.	Production	Acres	Per Acre	Total
			Bus	hels	I	Dollars		T	`ons
1979	85,000	10,000	77.0	770,000	2.38	1.833,000	68,000	16.0	1,088,000
1980	,	8,000	74.0	592,000	3.60	2,131,000	70,000	17.5	1,225,000
1981	,	10,000	85.0	850,000	3.28	2,788,000	71,000	17.0	1,207,000
1982	. 80,000	14,000	100.0	1,400,000	2.36	3,304,000	63,000	17.5	1,103,000
1983	. 65,000	13,000	105.0	1,365,000	3.20	4,368,000	44,000	18.0	792,000
1984	90,000	15,000	92.0	1,380,000	3.09	4,264,000	69,000	18.0	1,242,000
1985	. ,	11,000	95.0	1,045,000	2.80	2,926,000	69,000	19.0	1,311,000
1986	,	13,000	115.0	1,495,000	2.10	3,140,000	63,000	19.0	1,197,000
1987	. 80,000	15,000	105.0	1,575,000	2.20	3,465,000	64,000	18.0	1,152,000
1988	. 90,000	20,000	110.0	2,200,000	3.15	6,930,000	67,000	19.0	1,273,000

POTATOES: Acreage, Production, Price, Total Value, and Value Per Acre, Principally Irrigated, 1979-1988

	ACI	RES	PRODU	CTION		VALUE	
			Yield	Total	Price Per Cwt	Value of	Value
	<u>Planted</u>	Harvested	<u>Per Acre</u> C	Acre <u>Cwt</u> Cwt		Production Dollars	<u>Per Acre</u>
1979	7,500	7,500	240	1,800,000	4.40	7,920,000	1,056.00
1980	7,000	6,900	250	1,725,000	8.50	14,662,500	2,125.00
1981	7,500	7,400	235	1,739,000	8.00	13,912,000	1,880.00
1982	7,500	7,400	260	1,924,000	7.50	14,430,000	1,950.00
1983	7,300	7,200	250	1,800,000	9.20	16,560,000	2,300.00
1984	7,500	7,400	260	1,924,000	9.50	18,278,000	2,740.00
1985	7,900	7,000	270	1,890,000	8.75	16,538,000	2,363.00
1986	7,800	7,700	290	2,233,000	6.65	14,849,000	1,928.00
1987	8,000	7,900	300	2,370,000	5.65	13,391,000	1,696.00
1988	7,800	7,700	280	2,156,000	7.75	16,709,000	2,170.00

DRY BEANS: Acreage, Production, Price, Total Value, and Value Per Acre, Principally Irrigated, 1979-1988

	A(CRES	PRODUC	CIION	VALUE			
			Yield	Total	Price	Value of	Value	
	Planted	Harvested	Per Acre	Cwt	Per Cwt	Production	Per Acre	
			C	wt		Dollars		
1979	10,000	9,700	1,800	175,000	25.00	4,375,000	451.03	
1980	12,000	11,000	1,600	176,000	25.00	4,400,000	400.00	
1981	14,000	13,000	1,680	218,000	16.50	3,597,000	276.69	
1982	8,500	7,000	1,680	118,000	11.00	1,298,000	185.43	
1983	3,000	2,800	1,320	37,000	18.00	666,000	237.86	
1984	8,500	8,000	1.900	152,000	15.00	2,280,000	285.00	
1985	3,400	3,000	1,900	57,000	17.00	969,000	323.00	
1986	4,800	4,500	2,160	97,000	15.00	1,455,000	323.33	
1987	5,800	5,700	2,190	125,000	12.00	1,500,000	263.16	
1988	4,400	4,000	1,900	76,000	28.00	2,128,000	532.00	

ALL HAY: Acreage, Production, Price, Total Value, and Value Per Acre, 1979-1988

	ACRES	PROD	UCTION		VAI.UE	
		Yield		Price Per	Value of	Value
	Harvested	Per Acre	Total	Ton Baled	Production	Per Acre
			Tons		Dollars	
1979	2,380,000	1.82	4,329,000	55.50	240,260,000	100.95
1980	2,200,000	1.90	4,170,000	62.50	260,625,000	118.47
1981	2,380,000	2.09	4,964,000	48.50	240,754,000	101.16
1982	2,450,000	2.01	4,915,000	50.00	245,750,000	100.31
1983	2,170,000	1.86	4,041,000	63.00	254,583,000	117.32
1984	2,200,000	1.72	3,780,000	78.00	294,840,000	134.02
1985	1,950,000	1.42	2,760,000	84.50	233,220,000	119.60
1986	2,250,000	1.92	4,320,000	51.00	220,320,000	97.92
1987	2,200,000	1.91	4,210,000	45.00	189,450,000	86.11
1988	1,800,000	1.55	2,790,000	86.50	241,335,000	134.08
		IRRIGATED			NON-IRRIGATED	
	Harvested	Yield		Harvested	Yield	
	Acres	Per Acre	Production	Acres	Per Acre	Production
		To:		1111111	To	
1979	1,188,100	2.41	2,862,300	1,191,900	1.20	1,428,700
1980	1,230,000	2.45	3,010,000	970,000	1.20	1,160,000
1981	1,245,000	2.62	3,261,500	1,075,000	1.44	1,546,500
1982	1,276,900	2.61	3,329,900	1,173,100	1.51	1,775,100
1983	1,118,000	2.47	2,762,000	1,052,000	1.22	1,279,000
1984	1,317,000	2.19	2,882,500	883,000	1.02	897,500
1985	1,200,000	1.90	2,310,000	750,000	.60	450,000
1986	1,115,000	2.57	2,869,000	1,135,000	1.28	1,451,000
1987	1,120,000	2.70	2,970,000	1,080,000	1.10	1,240,000
1988	1,150,000	2.10	2,430,000	650,000	.60	360,000

ALFALFA HAY: Acreage and Production, 1979-1988

		TOTAL			IRRIGATED		NO	N-IRRIGAT	red
	Harvested	Yield		Harvested	Harvested Yield			Harvested Yield	
	Acres	Per Acre	Production	Acres	Per Acre	Production	Acres	Per Acre	Production
		"	l'ons			Tons		T	ons
1979	1,300,000	2.25	2,925,000	660,400	3.13	2,067,600	639,600	1.34	857,400
1980	1,200,000	2.35	2,820,000	660,000	3.14	2,070,000	540,000	1.39	750,000
1981	1,360,000	2.60	3,536,000	700,400	3.45	2,416,400	659,600	1.70	1,119,600
1982	1,350,000	2.50	3,375,000	699,000	3.23	2,257,800	651,000	1.72	1,117,200
1983	1,170,000	2.30	2,691,000	608,000	3.10	1,884,800	562,000	1.43	806,200
1984	1,150,000	2.10	2,415,000	650,000	2.85	1,852,000	500,000	1.13	562,500
1985	950,000	1.80	1,710,000	600,000	2.50	1,500,000	350,000	.60	210,000
1986	1,300,000	2.30	2,990,000	680,000	3.10	2,108,000	620,000	1.42	882,000
1987	1,300,000	2.20	2,860,000	700,000	3.10	2,200,000	600,000	1.10	660,000
1988	1,100,000	1.90	2,090,000	740,000	2.50	1,850,000	360,000	.70	240,000
1980	1,200,000 1,360,000 1,350,000 1,170,000 1,150,000 950,000 1,300,000 1,300,000	2.35 2.60 2.50 2.30 2.10 1.80 2.30 2.20	2,820,000 3,536,000 3,375,000 2,691,000 2,415,000 1,710,000 2,990,000 2,860,000	660,000 700,400 699,000 608,000 650,000 600,000 680,000 700,000	3.14 3.45 3.23 3.10 2.85 2.50 3.10 3.10	2,070,000 2,416,400 2,257,800 1,884,800 1,852,000 1,500,000 2,108,000 2,200,000	540,000 659,600 651,000 562,000 500,000 350,000 620,000 600,000	1.39 1.70 1.72 1.43 1.13 .60 1.42 1.10	750, 1,119, 1,117, 806, 562, 210, 882, 660,

OTHER HAY: Acreage and Production, 1979-1988 1

	Harvested Acres	TOTAL Yield Per Acre	Production Tons	Harvested Acres	IRRIGATED Yield <u>Per Acre</u> 1	Production Tons	Harvested Acres	ON-IRRIGAT Yield Per Acre Te	Production ons
1979	1,080,000 1,000,000 960,000 1,100,000 1,000,000	1.26 1.35 1.33 1.57 1.35	1,366,000 1,350,000 1,272,000 1,730,000 1,350,000	527,700 570,000 544,600 577,900 510,000	1.51 1.65 1.55 1.86 1.72	794,700 940,000 845,100 1,072,100 877,200	552,300 430,000 415,400 522,100 490,000	1.03 .95 1.03 1.26 .96	571,300 410,000 426,900 657,900 472,800
1984	1,050,000 1,000,000 950,000 900,000 700,000	1.30 1.05 1.40 1.50 1.00	1,365,500 1,050,000 1,330,000 1,350,000 700,000	667,000 600,000 435,000 420,000 410,000	1.54 1.35 1.75 1.80 1.40	1,030,500 810,000 761,000 770,000 580,000	383,000 400,000 515,000 480,000 290,000	.87 .60 1.10 1.20	335,000 240,000 569,000 580,000 120,000

¹ Includes wild, clover-timothy, grain and other hay.

SWEET CHERRIES: Production, Price, and Value, 1979-1988

	PRO	DUCTION	VALU	E
		Production	Average Price	Value of
	Production	Having Value	Per Ton	Production
	-	-Tons	Dollars	Thou. Dols.
1979	2,950	2,950	682.00	2,012
1980	700	700	621.00	435
1981	1,240	1,240	711.00	882
1982	3,400	3,100	624.00	1,934
1983	1,800	1,365	457.00	624
1984	2,300	1,400	666.00	932
1985	4,600	3,500	644.00	2,255
1986	1,600	1,000	480.00	480
1987	3,800	2,600	877.00	2,280
1988	3,300	1,900	548.00	1,042

SUGAR BEETS: Acreage, Production, Price, Total Value, and Value Per Acre, 1979-1988

	ACI	RES	PRODU	CTION	VALUE			
			Yield		Price Per	Value of	Value Per	
	Planted	Harvested	Per Acre	Total	Ton 1	Production 1	Acre 1	
			T	ons		Dollars		
1979	44,100	43,400	19.1	829,000	37.30	30,922,000	712.49	
1980	44,200	43,300	20.3	879,000	51.40	45,181,000	1,043.44	
1981	44,700	44,500	20.8	926,000	37.20	34,447,000	774.09	
1982	43,100	43,000	19.8	850,000	42.40	36,040,000	838.14	
1983	41,600	41,300	19.8	818,000	37.60	30,757,000	744.72	
1984	25,200	24,600	16.9	416,000	35.50	14,768,000	600.33	
1985	43,500	42,700	19.0	811,000	35.10	28,466,000	666.65	
1986	47,200	46,800	21.7	1,016,000	39.10	39,726,000	848.85	
1987	49,200	48,900	22.2	1,086,000	42.20	45,829,000	937.20	
1988	49,600	48,900	21.1	1,032,000		. ,		

¹ Excludes Government payments.



STOCKS OF MAJOR GRAINS 1980-1989

&	On Farm	Total All	On Farm	JNE 1		MRER 1 1		MBER 1 1
Year	Total	Positions 2	Total	Total All Positions 2	On Farm Total	Total All Positions 2	On Farm Total	Total All Positions 2
ALL WHEAT				Thousar	nd Bushels-			
1980	80,368	96,078	E0 720	74 500	140 550			
1981	76,672	94,250	58,238	74,599	148,552	175,714	110,216	134,166
1982	101,970	120,105	61,098 74,317	75,766	171,102	201,135	131,351	158,393
1983	113,602	138,576	91,963	88,257 113,774	205,565	234,709	169,501	197,644
1984	97,220	122,710	72,573	93,630	167,055 130,819	203,575 161,220	130,084 109,888	161,030 141,913
1985	80,584	110,454	66,979	93,105	81.891	114 041		
1986	52,250	86,848	48,230	81,060	146,000	114,841 186,790	69,331 124,000	104,513
1987	85,000	120,521	60,000	101,210	165,000	217,608	129,000	162,901 172,624
1988	92,000	127,495	64,000	88,997	87,000	119,183	65,000	91,000
1989	45,000	67,448	35,000	45,100	,	117,100	00,000	21,000
WINTER WHEAT								
1980	40,163	51,586	31,556	43,267	69,822	89,309	46,430	62,867
1981	29,822	39,649	25,749	34,273	81,514	98,754	65,464	81,538
1982	50,263	61,549	35,479	43,748	93,076	107,528	72,815	88,533
1983	43,161	57,515	37,829	49,354	92,428	111,946	69,915	86,169
1707	51,504	65,365	37,963	50,225	78,182	96,907	64,842	85,358
1985	44,620	64,091	40,610	57,980	46,928	68,344	37,027	59,760
1986	31,816	53,072	28,454	48,709	72,000	96,602	61,000	84,145
1987	41,000	62,242	31,000	55,466	83,000	114,590	65,000	89,964
1988	45,000	65,338	31,000	44,151	50,000	68,393	36,000	52,777
	22,500	35,691	18,500	23,800				
DURUM WHEAT								
1980	6,143	6,507	4,436	4,737	3	10,745	3	9,066
1981	3	7,418	3	5,441	3	13,776	3	12,524
1982	3	10,044	3 3	8,135	3	17,320	3	16,835
1983	3	14,594 10,825	3	14,111 9,407	3 3	13,453 11,084	3	12,588
	2			2,107		11,004		10,294
1985	3	9,298	3	7,303	3	6,323	3	6,043
1986	3	5,610	3	5,488	3	9,175	3	7,775
1987	3	6,649	3	4,748	3	10,374	3	8,644
1989	3	6,368 3,322	3	4,067 3,100	3	5,263	3	4,103
ALL SPRING WHEAT		0,022		3,100				
1980	40,205	44,492	26 692	21 220	70 720	06.408	(0.00)	
1981	46,850	54,601	26,682 35,349	31,332	78,730	86,405	63,786	71,299
1982	51,347	58,556	38,838	41,493 44,509	89,588 112,489	102,381	65,887	76,885
1983	70,441	81,061	54,134	64,420	74,627	127,181 91,629	96,686	109,111
1984	45,716	57,345	34,610	43,405	52,637	64,313	60,169 45,046	74,861 56,555
1985	35,964	46,363	26.260	25 105	24.062			
1986	20,434	33,776	26,369	35,125	34,963	46,497	32,304	44,753
1987	44,000	58,279	19,776 29,000	32,351	74,000	90,188	63,000	78,756
1988	47,000	62,157	33,000	45,744 44,846	82,000 37,000	103,018	64,000	82,660
1989	22,500	31,757	16,500	21,300	37,000	50,790	29,000	40,258
DATS		·		,				
1980	2 002	2.000	0.504	0.7.0				
1981	3,803 2,570	3,990	2,584	2,748	4,497	4,837	4,176	4,372
1982	2,370	2,787 2,478	2,152	2,296	4,840	5,137	4,114	4,372
1983	4,055	4,388	1,694 3,443	1,877 3,679	8,033	8,485	6,885	7,308
1984	3,115	3,553	2,165	2,289	6,072 4, 740	6,369 4,867	5,386 4,351	5,695 4,497
1985	2.440	2.5(0	4 700					
1986	2,448 3	2,568 3	1,709	1,812	3,003	3,383 3	2,495 3	2,895
1987	3	3	993 1,200	1,343	3	3	3	3
1988	3	3	2,500	1,360 2,645	3	3	3	3
1989	3	3	1,400	1,550	3	3	3	3
BARLEY			,,,,,,,	,,000				
1980	15,413	18,058	0.330	10.062	40.570			
981	10,584	12,765	9,329 6,615	10,963	40,572	44,177	29,547	33,065
982	13,622	15,972	5,108	7,579 6,185	45,408 62,681	50,099	28,948	32,629
	28,283	33,212	12,995	15,985	60,606	67,681 68,925	45,864	50,591
			10,101	12,251	49,036	56,003	37,296 38,402	42,962 45,184
983	17,094	22,413	10,101					
1983								15,10
1983	17,094 20,678 3	25,421	12,998	16,280	30,000	39,098	27,600	32,811
1983	20,678	25,421 3	12,998 12,900	16,280 19,100	30,000	39,098 3	27.600 3	32,811
1983	20,678	25,421	12,998	16,280	30,000			32,811

Quarters prior to September 1, 1986 were January 1, April 1, June 1, and October 1.
 Includes farm stock at mills, elevators, warehouses, terminals, processors and stocks owned by Commodity Credit Corporation.
 Data not available for publication.

WHEAT: Shipped Out of State by Class and Destination, 1979-1988

		ALL V	VHEAT			WINTER WHEAT				SPRING WHEAT ²			
YEAR 1	East	West	Other 3	<u>Total</u>	East	West	Other ³	<u>Total</u>	Eas	West	Other ³	Total	
		Thousand Bushels				Thousan		Thousand Bushels					
1979	4,941	91,703	1,524	98,168	2,408	51,177	826	54,411	2,53	3 40,526	698	43,757	
1980	5,179	72,908	1,185	79,272	2,384	36,755	484	39,623	2,79	5 36,153	701	39,649	
1981	3,949	94,646	724	99,319	1,783	46,239	331	48,353	2,16	6 48,407	393	50,966	
1982	2,627	120,264	806	123,697	672	61,045	130	61,847	1,95	5 59,219	676	61,850	
1983	4,289	113,142	1,481	118,912	909	51,154	203	52,266	3,38	0 61,988	1,278	66,646	
1984	2,368	81,667	1,948	85,983	636	44,743	512	45,891	1,73	, ,	1,436	40,092	
1985	3,822	49,698	2,736	56,256	578	21,073	204	21,855	3,24	,	2,532	34,401	
1986	2,653	92,793	2,773	98,219	743	45,486	858	47,087	1,91		1,915	51,132	
1987	2,801	133,412	2,197	138,410	626	71,829	727	73,182	2,17	,	1,469	65,228	
1988	1,025	72,609	1,002	74,636	270	39,898	538	40,706	75	5 32,710	465	33,930	

Crop year June through May.
 Includes durum wheat.

WINTER WHEAT: Shipped Out of State By Class, District, Mode, and Destination 1, 1987-1988

DISTRICT OF		JUNE 1987-MAY 198	8	JUNE 1988-MAY 1989					
ORIGIN, MODE, & DESTINATION	Winter Wheat	Spring <u>Wheat ²</u> Thousand Bush	All <u>Wheat</u> els	Winter Wheat	Spring <u>Wheat ²</u> Thousand Bushels	All Wheat			
WEST ³	2,382	2,395	4,777	1,064	2,164	3,228			
NORTH CENTRAL	31,354	35,093	66,447	19,642	16,275	35,917			
NORTHEAST	5,067	20,086	25,153	2,260	10,553	12,813			
CENTRAL	19,922	5,378	25,300	10,817	3,526	14,343			
SOUTH CENTRAL	10,226	839	11,065	5,537	701	6,238			
SOUTHEAST	4,231	1,437	5,668	1,386	711	2,097			
STATE Truck East Truck West Truck Other ³ Total by Truck	240 10,148 545 10,933	426 5,086 302 5,814	666 15,234 847 16,747	270 7,318 456 8,044	127 4,232 234 4,593	397 11,550 690 12,637			
Rail East Rail West Rail Other ⁴ Total by Rail	386 61,681 182 62,249	1,749 56,498 1,167 59,414	2,135 118,179 1,349 121,663	0 32,580 82 32,662	628 28,478 231 29,337	628 61,058 313 61,999			
Total Wheat Shipped	73,182	65,228	138,410	40,706	33,930	74,636			

Based on data reported by commercial elevators and licensed truckers. Reported data were expanded to represent 100 percent of elevator capacity.

NOTE: Funding for the above statistics was provided by the Montana Wheat & Barley Committee.

³ Other and unknown.

Includes durum wheat.

Northwest and Southwest combined to avoid disclosure of individual operations.

⁴ Other and unknown.

ALL WHEAT: Production, Stocks, and Utilization, By Marketing Years 1983-1987

SUPPLY	<u>1983</u>	1984	1985 Million Bushels	<u>1986</u>	1987
Beginning stocks ¹	113.8 136.9	93.6 104.7	93.1 50.2	81.1 138.5	101.2 151.2
Total Supply	250.7	198.3	143.3	219.6	252.4
DISPOSITION					
Recorded movement out of State ² Milled for flour in Montana Used for seed in Montana Used for livestock feed ³ Unaccounted disappearance (to balance) ⁴	134.3 6.9 5.3 2.0 <u>8.6</u>	88.3 6.4 5.6 2.0 <u>2.9</u>	56.3 5 4.9 8.4 5 -7.4	98.2 5 4.8 8.5 6.9	138.1 5 4.6 9.0 5 11.7
Total Disposition	157.1	105.2	62.2	118.4	163.4
Ending Stocks 1	93.6	93.1	81.1	101.2	89.0

¹ Farm, commercial--June 1 stocks.

ALL WHEAT: Movement to Pacific Northwest, Utilization, and Exports ¹, By Marketing Years, 1983-1987

<u>ITEM</u>	<u>1983</u>	1984	1985 Million Bushels-	1986	1987
Beginning Stocks Production Ending Stocks	113.8 136.9 <u>-93.6</u>	93.6 104.7 <u>-93.1</u>	93.1 50.2 <u>-81.1</u>	81.1 138.5 -101.2	101.2 151.2 -89.0
Total Disposition ³	157.1	105.2	62.2	118.4	163.4
Shipments of wheat into Pacific Northwest 4					
(adjusted for unaccounted disappearance)	129.9	79.7	45.5	99.3	140.4
Estimated Montana wheat milled for flour in Pacific Northwest (includes bulgar) 5	19.6	18.9	18.4	20.0	23.5
Estimated Montana wheat exported from Pacific Northwest ports ⁶	110.3	60.8	27.1	79.3	116.9
Percent of total disposition	70%	58%	44%	67%	72%
Inspected exports of Hard Red Spring, Hard Red Winter and Durum from Pacific Northwest ports	181.2	163.5	154.2	167.8	225.8
Montana exports as percent of total HRS, HRW and Durum exports from Pacific Northwest ports	61%	37%	18%	47%	52%

¹ Pacific Northwest--Oregon and Washington.

Reported by elevators, licensed truckers and special survey of truck destinations and barge traffic.

³ Utilization for feed--on farms where grown, cattle feeders, feed mills and purchased by other farmers for feed.

⁴ Due to unknowns in components, probably most is unrecorded truck movement.

⁵ Milled for flour combined with livestock feed to avoid individual disclosure.

² June 1 - May 31.

Beginning stocks plus production minus ending stocks.

⁴ Source: Montana Grain Movement project.

⁵ Total Pacific Northwest wheat millings minus estimated wheat originating from Oregon, Washington or other states.

⁶ Estimated Montana wheat shipped to Pacific Northwest minus estimated Montana wheat milled in Pacific Northwest.

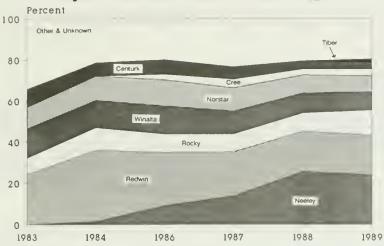
MONTANA WHEAT VARIETIES: Percent of Total Seeded Acreage 1984-1989 & Seeded Acreage 1988 $^{\mbox{\tiny 1}}\text{-}1989$ $^{\mbox{\tiny 2}}$

CLASS &		PERCENT OF TOTAL SEEDED ACREAGE							
VARIETY	<u>1984</u>	<u>1985</u>	<u>1986</u>	1987	1988	<u>1989</u>	1988 1	1989 ²	
WINTER WHEAT							(0	000)	
Neeley		1.3	9.0	13.7	25.5	23.8	624.4	595.1	
Redwin	24.2	34.6	25.9	21.5	19.6	19.5	481.4	487.4	
Rocky	8.0	11.1	9.0	8.7	9.0	12.2	221.7	306.0	
Winalta	14.3	13.4	13.8	11.2	9.8	9.0	240.4	224.9	
Vorstar	10.4	11.7	12.7	11.3	8.7	7.7	212.3	193.4	
Cree			2.6	4.2	2.9	3.3	71.0	81.4	
Centurk	8.9	6.6	7.2	6.1	3.8	3.1	93.0	77.3	
Гiber					0.3	1.9	8.3	47.9	
Weston Roughrider	6.4	0.5 4.0	0.8 2.6	1.0 ′ 4.5	1.1 4.1	1.7	26.2	43.6	
Cheyenne	6.4 8.3	5.1	2.4	3.4	1.7	1.6 1.4	100.6 40.6	41.2 34.8	
Hawk		0.1	0.4	0.2	0.6	1.3	15.5	31.4	
Vorwin				0.8	2.2	1.2	53.0	31.1	
Agassiz			0.1	1.0	1.1	1.0	26.2	25.8	
Warrior	3.1	1.5	0.7	0.6	0.8	0.9	20.5	22.2	
Winridge		0.9	0.9	0.4	0.9	0.5	21.6	13.4	
Stephens ³					0.5	0.5	11.6	13.2	
Sage		0.1	0.3	0.6	1.1	0.5	27.5	12.0	
Other & Unknown	16.4	9.1	11.6	10.8	6.3	8.9	154.2	217.9	
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	2450.0	2500.0	
SPRING WHEAT									
Newana	19.8	21.8	22.9	21.0	16.2	19.7	324.2	690.2	
Len	11.9	12.4	11.9	11.3	15.1	15.2	302.2	530.4	
Fortuna	10.7	12.0	18.2	19.7	11.8	14.6	235.2	510.5	
Lew	9.4	10.0	11.5	10.4	10.4	10.2	208.0	355.7	
Rambo				0.4	6.6	9.0	205.1	314.4	
Stoa			4.4	4.2	10.3	7.9	131.5	274.9	
Olaf	11.3	9.5	5.7	5.7	5.9	5.8	118.8	202.5	
Pondera	3.5	2.3	1.9	3.0	1.8	2.4	61.2	84.9	
Glenman Fioga	2.3	2.9	0.3 1.5	1.7 3.8	1.1 3.1	2.4	48.6	83.5 39.2	
Leader	2.3	0.1	0.8	1.5	0.9	1.1 1.1	36.3 22.9	39.2	
Success				1.4	2.4	0.9	21.9	30.0	
Alex	0.6	0.4	0.7	1.3	0.8	0.8	18.6	27.7	
Amidon (ND 606)						0.6	18.5	20.3	
Prodax	5.5	6.6	1.6	0.8	0.7	0.5	16.6	18.1	
Coteau				0.2	0.7	0.5	15.8	16.7	
Cutlass				0.2	1.1	0.5	20.9	16.7	
Northrup K. 751	3.7	1.5	3.3	1.8	0.9	0.5	18.6	16.0	
Butte	2.7	4.0	2.5	1.9	0.8	0.4	15.0	15.1	
Other & Unknown STATE TOTAL	18.6 100.0	16.5 100.0	12.8 100.0	9.7 100.0	9.4 100.0	6.1 100.0	160.1 2000.0	214.7 3500.0	
DURUM WHEAT									
Vic	25.3	36.9	29.6	52.1	29.7	28.1	83.2	95.7	
Ward	33.1	22.0	19.5	12.3	17.0	19.1	47.5	64.9	
Westbred Laker			0.3	3.0	4.0	14.4	11.3	49.0	
Monroe Medora				0.3	6.1	8.2	17.0	27.7	
Cando	7.6	3.7	1.9	1.4 3.4	8.6 1.8	8.1 6.5	24.2 4.9	27.6 22.1	
Crosby	2.6	9.8	8.3	9.9	14.7	6.4	41.3	21.9	
Lloyd	2.0	2.1	16.6	4.1	6.6	4.6	18.6	15.5	
Wells	2.2	3.7	3.5	1.2	2.8	4	7.7	4	
Rolette	8.9	10.7	1.6	3.6	2.6	4	7.2	4	
Other & Unknown	20.3	11.1	18.7	8.7	6.1	4.6	17.1	15.6	
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	280.0	340.0	

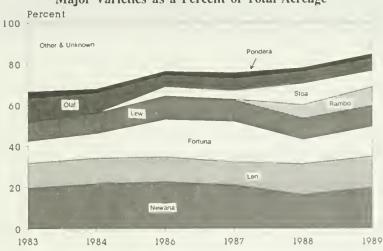
¹ Revised ² Preliminary ³ Soft White Wheat ⁴ Less than 1%

NOTE: Funding for wheat varieties was provided by the Montana Wheat & Barley Committee.

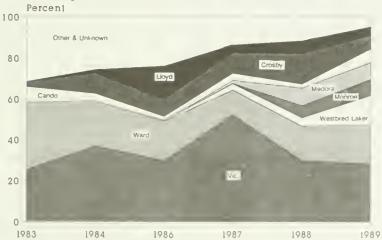
Winter Wheat Varieties, Montana, 1983-1989 ¹ Major Varieties as a Percent of Total Acreage



Spring Wheat Varieties, Montana, 1983-1989 ¹
Major Varieties as a Percent of Total Acreage



Durum Wheat Varieties, Montana, 1983-1989 ¹ Major Varieties as a Percent of Total Acreage



MONTANA BARLEY VARIETIES: Percent of Total Seeded Acreage 1984-1989 & Seeded Acreage 1988 $^{1}\text{-}1989$ 2

		PERG	SEEDED ACREAGE					
VARIETY	1984	1985	1986	1987	1988	1989	1988 1	1989 ²
							(0	00)
Hector	32.4	32.9	33.9	31.9	31.8	30.4	556.4	516.0
Harrington ³	0.1		1.9	9.4	10.5	15.6	191.5	264.7
Klages ³	13.1	8.6	11.5	14.6	11.0	9.9	201.0	168.9
Piroline	19.3	20.1	18.7	13.0	11.3	7.3	202.1	123.8
Clark ³	15.6	15.8	16.7	10.9	6.7	6.8	120.8	115.8
Gallatin				0.1	2.6	5.6	46.8	95.7
Bowman			1.7	2.9	5.1	3.1	102.2	52.5
Lewis			0.6	1.8	3.2	2.5	55.7	42.0
Kimberly	0.9	3.0	1.1	2.7	2.5	2.5	45.0	41.9
Morex ³	1.9	0.7	0.8	1.2	1.9	2.2	35.5	38.1
Horsford	1.2	1.7	0.7	۰ 0.8	0.7	1.6	13.5	26.4
AB 2601						1.4		23.8
AB 1202					0.3	1.2	5.7	20.5
Moravian III ³	0.9	0.5	0.4	0.5	1.0	1.2	13.4	20.1
Menuet	1.5	1.8	1.8	2.2	1.7	1.1	30.5	19.4
Compana	0.6	2.6	0.6	0.9	1.1	0.7	20.7	12.7
Unitan	2.8	1.3	0.7	0.5	0.6	0.6	11.8	9.7
Summit	3.5	2.5	1.0	0.7	1.1	0.4	19.1	6.0
Larker	0.4	0.3	0.4	0.2	0.5	0.3	8.9	5.6
Russell					0.2	0.3	2.7	4.7
Westbred 501		0.2	0.2	0.2	0.3	0.2	7.0	4.1
Other & Unknown	5.8	8.0	7.3	5.5	6.1	5.2	109.6	87.6
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	1,800.0	1,700.0

¹ Revised ² Preliminary ³ American Malting Barley Improvement Association, Inc. recommended malting varieties for Montana.

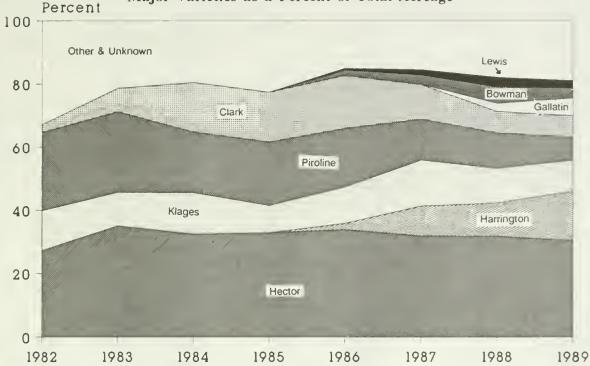
MONTANA BARLEY VARIETIES: Seeded Acreage and Percent of Total By Districts, 1989 1

	North	west	N. Ce	ntral	Nort	heast_	Cen	tral	South	nwest_	5. C€	ntral	Sout	heast_	Stat	te
Variety	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
Hector	1.8	2.6	164.1	20.1	200.7	64.7	86.1	32.2	1.2	1.4	35.5	38.2	26.6	42.9	516.0	30.4
Harrington ²	1.0	1.4	210.8	25.9	2.6	0.8	48.2	18.1	2.0	2.4	0.1	0.1			264.7	15.6
Klages 2	3.7	5.3	129.4	15.9			14.9	5.6	13.3	16.0	7.6	8.2			168.9	9.9
Piroline			87.8	10.8	7.1	2.3	19.9	7.5	1.8	2.2	4.0	4.3	3.2	5.2	123.8	7.3
Clark ²	3.5	5.0	40.5	5.0	13.7	4.4	31.7	11.9	19.9	24.0	6.1	6.6	0.4	0.6	115.8	6.8
Gallatin	22.8	32.6	13.9	1.7	4.6	1.5	26.1	9.8	15.3	18.4	10.3	11.1	2.7	4.4	95.7	5.6
Bowman			3.1	0.4	27.9	9.0	3.2	1.2			5.9	6.3	12.4	20.0	52.5	3.1
Lewis	8.9	12.7	11.6	1.4	11.0	3.5	5.0	1.9	5.0	6.0	0.5	0.5			42.0	2.5
Kimberly			36.6	4.5			5.3	2.0							41.9	2.5
Morex 2			19.3	2.4	3.6	1.2	3.9	1.5	7.1	8.6	1.3	1.4	2.9	4.7	38.1	2.2
Horsford	3.0	4.3	2.4	0.3	6.0	1.9	4.0	1.5	5.7	6.9	1.9	2.0	3.4	5.5	26.4	1.6
AB 2601			21.3	2.6			2.5	0.9							23.8	1.4
Moravian III ² .			10.8	1.3					0.6	0.7	8.7	9.4			20.1	1.2
AB 1202			16.2	2.0			1.1	0.4			3.2	3.4			20.5	1.2
Menuet	14.2	20.3	0.4	0.0	1.6	0.5			2.7	3.3	0.5	0.5			19.4	1.1
Compana			9.2	1.1	0.4	0.1	2.6	1.0			0.5	0.5			12.7	0.7
Unitan			0.2	0.0	5.1	1.6			3.7	4.5			0.7	1.1	9.7	0.6
Russell	0.9	1.3	3.4	0.4			0.4	0.1							4.7	0.3
Larker					3.4	1.1							2.2	3.5	5.6	0.3
Summit							4.4	1.6			1.6	1.7			6.0	0.4
Westbred 501							0.8	0.3	3.3	4.0					4.1	0.2
Unknown	10.2	14.6	34.0	4.2	22.3	7.2	6.9	2.6	1.4	1.7	5.3	5.7	7.5	12.1	87.6	5.2
ALL VARIETIES	70.0	100.0	815.0	100.0	310.0	100.0	267.0	100.0	83.0	100.0	93.0	100.0	62.0	100.0	1700.0	100.0

¹ Preliminary ² American Malting Barley Improvement Association, Inc. recommended malting varieties for Montana.

NOTE: Funding for barley varieties was provided by the American Malting Barley Association and the Montana Wheat & Barley Committee.

Barley Varieties, Montana, 1982-1989 Major Varieties as a Percent of Total Acreage



MARKETINGS OF MAJOR CROPS: Estimated Percent of Farm Sales, Monthly, 1982-1983 to 1987-1988

Marketing Year:	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
ALL WHEAT						P	ercent					
1982-83	6	8	11	8	8	9	15	9	9	6	5	6
1983-84	5	15	10	9	9	6	10	8	8	10	7	3
1984-85	5	12	11	9	6	8	9	7	7	8	10	8
1985-86	3	8	9	10	9	12	13	5	7	7	7	10
1986-87	4	7	10	6	7	11	10	10	10	8	8	9
1987-88	5	10	9	11	6	8	13	9	8	7	7	7
BARLEY						P	ercent					
1982-83	3	7	11	6	6	11	12	3	10	15	8	8
1983-84	5	14	17	11	6	7	11	9	7	7	3	3
1984-85	5	18	13	13	9	6	8	4	6	5	7	6
1985-86	8	9	10	7	6	9	15	6	6	9	7	8
1986-87	4	6	8	10	10	12	13	16	12	4	2	3
1987-88	4	9	11	10	6	11	14	6	10	6	6	7
OATS						P	ercent					
1982-83	4	7	17	9	4	9	7	7	11	7	9	9
1983-84	11	6	12	11	8	5	13	8	18	4	2	2
1984-85	6	7	12	8	6	14	8	5	6	13	7	8
1985-86	9	11	13	12	1	3	8	5	11	18	7	12
1986-87	6	8	11	10	9	17	3	12	8	6	6	4
1987-88	2	8	11	14	8	12	11	9	7	4	8	6
Marketing Year:	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
ALL HAY						P	ercent					
1982-83	2	14	7	3	5	9	16	8	15	10	8	3
1983-84	2	15	13	3	11	14	12	10	10	4	3	3
1984-85	3	9	6	9	10	11	13	11	9	10	6	3
1985-86	5	11	6	8	9	10	13	10	9	9	7	3
1986-87	3	6	10	5	10	12	12	10	9	10	5	8
1987-88	2	7	9	5	9	11	13	9	10	11	7	7

MONTANA'S RANK IN THE NATION'S AGRICULTURE

ITEM	UNIT		PERIOD OR DATE	RANK
Land in farms and ranches Income from cash receipts, excluding Gov't payments:	60,600,000	acres	1989	2
Total Crops Livestock	1,386,053,000 569,853,000 816,200,000	dollars	1988 1988 1988	33
	LIVESTOCE	C and LIVEST	OCK PRODUCTS	
All Cattle & Calves All Cows Beef Cows Milk Cows Cattle on Feed Hogs and Pigs Sheep and Lambs Wool Production All Chickens	2,350,000 1,349,000 1,324,000 25,000 90,000 245,000 568,000 5,600,000 910,000	head head head head head pounds	Jan. 1, 1989 Dec. 1, 1988 Jan. 1, 1989 1988 Dec. 1, 1988	13 10 7 43 22 23 6 5 41
		CROPS (Produ	uction)	
All Wheat Winter Wheat Durum Wheat Spring Wheat Other than Durum	59,970,000 39,900,000 2,070,000 18,000,000	bushels bushels	1988 1988 1988	11 13 4
Barley Oats All Hay Alfalfa Hay Dry Beans Potatoesfall Sugarbeets	18,000,000 30,000,000 2,790,000 2,790,000 76,000 2,156,000 1,032,000	bushels bushels tons tons cwt cwt tons	1988 1988 1988 1988 1988 1988 1988	4 24 20 15 13 14 8
Corn Grain Silage	2,200,000 1,273,000	bushels tons	1988 1988	41 19

CROPS AND LIVESTOCK: Record Highs and Lows, Montana

		RECOR	D HIGH	RECOF	ID LOW	Year Estima
	Unit	Quantity	Mo/Year 1	Quantity	Mo/Year 1	Started
m	<u> </u>				4000	1926
RLEY	Acres	2,400,000	1986	146,000	1938 1883	1882
Planted Harvested	Acres	2,180,000	1986 1982	2,000 12.0	1919	1882
Yield	Bu.	49.0	1982	79,000	1883	1882
Production	Bu. \$/8u.	94,500,000 3.03	Nov-1968	.23	Feb-1933	1910 1945
Price	₽u. \$/8u.	94,175,000	Sep-1987	2,886,000	July-1953	1743
All Stocks DRN	0 4.		1005	62,000	1970	1926
Planted-All Purposes	Acres	236,000	1935 1923	3,000	1965	1919
Harvested for GRAIN	Acres	101,000 115.0	1986	8.5	1919	1919 1919
Grain Yield	Bu. Bu.	2,200,000	1988	135,000	1954 1932	1919
Grain Production Season Average Price	\$/8u.	3.60	1980	.40	1931	1919
Harvested for SILAGE	Acres	73,000	1974 1978	2,000 1.5	1934	1919
Silage Yield	Tons	21.0	1978	7,000	1928	1919
Silage Production	Tons	1,491,000	.,,,	· ·	1919	1919
FALFA HAY	Acres	1,360,000	1981	374,000	1935	1919
Harvested Yield	Tons	2.60	1981	1.20 598,000	1919	1919
Production	Tons	3,536,000	1981	6.70	Aug-1939	1939
Price	\$/Ton	105.00	Apr-1989	0.70		.0/2
L OTHER HAY		1,390,000	1965	700,000	1988	1963 1963
Harvested	Acres Tons	1.50	1987	1,00	1988 1988	1963
Yield Paradustica	Tons	1,678,000	1965	700,000	May-1958	1953
Production Price	\$/Ton	94.00	Apr-1989	12.00		
IL HAY		2 505 000	1953	1,125,000	1910	1909
Harvested	Acres	2,585,000 2.09	1981	.88	1936	1909 1909
Yield	Tons Tons	4,964,000	1981	1,283,000	1910 Aug-1939	1939
Production Price	\$/Ton	104.00	Apr-1989	6.50 73 ,000	May-1932	1930
Price All Stocks	Tons	4,842,000	Dec-1987	/3,000	•	
ATS		701.000	1970	200,000	1986	1929
Planted	Acres	781,000 650,000	1918	46,000	1882	1882 1882
Harvested	Acres Bu.	55.0	1987	13.5	1919 1889	1882
Yield Production	Bu.	25,650,000	1915	1,600,000 .20	Feb-1933	1910
Price	\$/8u.	2.49	Sep-1988	1,338,000	July-1950	1945
All Stock	Bu.	29,432,000	Oct-1970	,,000,000		1016
ALL WHEAT	Annor	6,340,000	1989	2,543,000	1916	1916 1873
Planted	Acres Acres	5,969,000	1953	9,000	1876 1919	1873
Harvested Yield	Bu.	33.6	1982	5.0 162,000	1876	1873
Production	Bu.	180,320,000	19B2 Feb-1974	.25	Dec-1932	1910
Price	\$/Bu.	5.45	Oct-1982	1,763,000	July-1932	1930
All Stocks	Bu.	234,709,000	000.755		1054	1954
DURUM WHEAT	Acres	1,017,000	1956	15,000	1954 1954	1954
Planted Harvested	Acres	978,000	1956	14,000 9.0	1988	1954
Yield	Bu.	31.5	1972 1956	189,000	1954	195
Production	Bu.	18,093,000	Jan-1974	1.20	Feb-1970	195
Price	\$/8u. Bu.	7.47 17,320,000	Oct-1982	487,000	July 1966	196-
All Stocks SPRING WHEAT OTHER THAN DURU		17,020,000		1 120 000	1969	195
Planted	Acres	3,500,000	1989 1989	1,129,000 1,104,000	1969	195
Harvested	Acres	3,400,000	1982	9.0	1961	195
Yield	ðu.	31.0 89,900,000	1982	13,518,000	1961	195 192
Production	8u. \$/Bu.	5.33	Feb-1974	.26	Dec-1932 July-1975	197
Price All Stocks	Bu.	109,861,000	Oct-1982	9,062,000	July-1973	
WINTER WHEAT			1976	150,000	1909	190
Planted	Acres	3,200,000	1976	127,000	1909	190
Harvested	Acres Bu.	3,080,000 38.0	1982	5.2	1919 1919	190 190
Yield Production	Bu.	105,000,000	1975	2,798,000	Dec-1932	192
Production Price	\$/Bu.	5.40	Feb-1974	.24 7,418,000	July-1974	197
All Stocks	Bu.	114,590,000	Sep-1987	.,,,		
CATTO				202.202	1875	187
CATTLE All Cattle & Calves, Jan. 1	Head	3,380,000	1974	309,000	1938	192
Boof Cows Jan. 1.4	Head	1,746,000	1974 1934	294,000 8,000	1880	187
Milk Cows, Jan. 1 2	Head	215,000	1973	350,000	1938	197
Calves Born	Head \$/Cwt.	1,730,000 76.00	Apr-1979	2.70	Dec-1933	19 [']
Beef Cattle Prices	\$/Cwt.	97.80	Apr-1979	4.10	Jan-1934	17
Calf Prices HOGS			1044	1,000	1867	18
All Hogs, Dec. 1	Head	445,000	1944 1943	83,000	1937	193
Dec-May Pig Crop	Head	421,000 277,000	1943	57,000	1934	19:
June-Nov Pig Crop	Head \$/Cwt.	57.40	Sep-1982	2.60	Jan-1933	
All Hog & Pig Prices SHEEP	3, 5		1034	473,000	1986	19
All Sheep & Lambs, Jan. 1	Head	4,280,000	1934 1903	3,000	1867	18-
Total Stock Sheep, Jan. 1	Head	5,736,000 428,000	1945	14,000	1980	19 19
Sheep/Lambs on Feed, Jan. 1	Head Head	3,268,000	1931	370,000	1987 1979	19
Ewes - 1 Yr Plus, Jan. 1 Lambs Crop	Head	2,695,000	1934	360,000 1.95	Nov-1932	19
Sheep Prices	\$/Cwt.	29.90	Feb- 1987 Jan- 1988	3.50	Jan-1932	19
Lamb Prices	\$/Cwt.	90,60	Jan-1988 1911	4,379,000	1978	19
Wool Production	Pounds \$/1h	38,370,000 1.67	July-1988	.07	July-1931	19
Wool Price	\$/Lb.	1.07		000 000	1979	19
CHICKEN & EGGS All Chickens, Dec. 1	Head	2,738,000	1944	890,000	1980	19
Average number of Layers	Head	1,870,000	1925 1944	727,000 162,000,000	1937	19
Egg Production	Eggs	265,000,000	1799	.0010001000		

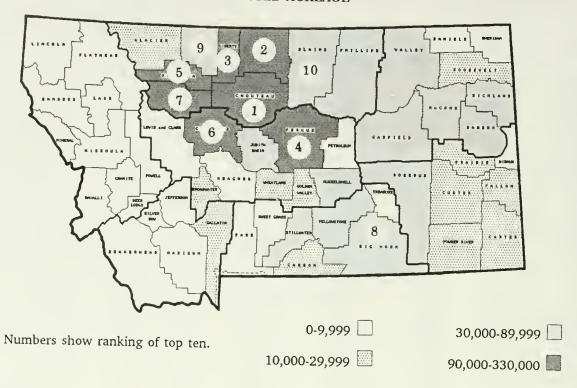
NUMERICAL RANKING OF COUNTIES: Crop Production, 1988

				OP PRODUCTIO	ON		
COUNTY	All Wheat	Winter <u>Wheat</u>	Hard Spring Wheat	Durum <u>Wheat</u>	<u>Barley</u>	<u>Oats</u>	All Hay
Beaverhead Big Horn Blaine Broadwater Carbon	31 11 10 23 34	37 8 12 21 31	20 23 7 15 35	20 0 25 7 14	19 14 18 20 16	44 41 3 31 4	1 9 29 20 7
Carter	43 6 1 37 22	39 5 1 32 45	38 18 11 42. 6	0 22 8 0 6	51 10 4 41 30	52 20 10 29 36	49 26 39 29 52
Dawson Deerlodge Fallon Fergus Flathead	20 52 39 5 26	15 52 41 2 22	16 44 26 25 27	17 0 0 25 0	29 49 45 5 9	24 0 49 6 27	34 43 51 8 14
Gallatin	12 25 9 32 53	9 17 25 24 0	17 30 2 45 48	13 0 10 0	3 37 6 44 54	5 9 34 37 49	3 48 38 46 22
Hill Jefferson Judith Basin Lake Lewis & Clark	2 46 17 30 33	3 42 10 27 28	1 40 32 21 31	18 0 24 0 23	7 39 12 17 24	11 8 20 2 25	50 16 27 4 18
Liberty Lincoln McCone Madison Meagher	8 0 16 36 44	7 0 14 40 38	14 0 12 24 43	21 0 19 14 0	15 0 34 23 28	45 54 11 32 16	56 36 40 2 21
Mineral	55 47 28 38 41	54 47 19 33 35	0 34 50 41 52	0 0 0 0	0 42 42 27 46	0 46 25 17 39	54 25 37 6 42
Phillips Pondera Powder River Powell Prairie	19 4 40 45 42	18 5 34 44 36	10 8 53 33 49	16 3 0 0	13 2 53 33 47	14 41 47 33 48	17 28 43 10 45
Ravalli	49 21 15 27 51	51 26 30 23 49	37 9 5 29 45	0 8 2 0	25 26 32 35 49	14 1 22 38 41	5 29 33 24 23
Sheridan	14 54 24 50	50 53 16 45 4	19 0 39 51 13	1 0 0 0 4	22 48 31 40	13 51 35 22 39	40 47 19 13 15
Toole	7 48 13 29 35 18	13 47 29 20 43 11	4 36 3 47 22 28	5 0 11 0 11	8 36 21 38 52	17 30 28 17 53	53 35 12 32 55

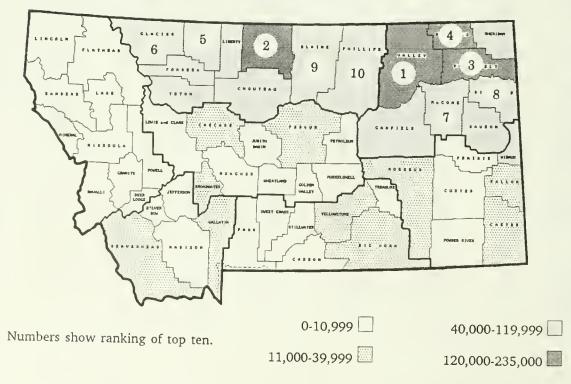
NUMERICAL RANKING OF COUNTIES: Livestock Numbers, 1987-1988 and Cash Receipts--1987

		IVESTOCK NUMBER			CASH RECEIPTS1987				
COUNTY	Cattle <u>Jan. 1, 1988</u>	Sheep <u>Jan 1, 1988</u>	Hogs Dec. 1, 1987	All <u>Products</u>	Livestock and <u>Products</u>	Crops			
Beaverhead Big Horn Blaine Broadwater Carbon	1	6	50	7	4	27			
	2	35	15	5	5	11			
	10	26	8	22	21	20			
	40	28	44	40	41	28			
	16	11	26	14	11	16			
Carter	14	1	36	31	17	44			
	12	16	6	3	2	10			
	26	44	3	6	26	1			
	9	13	42	11	6	35			
	52	43	19	39	51	26			
Dawson	31 53 29 5 41	38 54 23 14 42	32 55 24 16	26 54 41 9 24	34 53 35 9 25	17 54 37 8 25			
Gallatin	11	21	22	2	3	6			
	18	2	34	27	18	32			
	39	39	1	17	24	14			
	45	19	29	46	38	46			
	33	51	49	48	37	53			
Hill	42	52	4	8	33	2			
	43	46	35	47	45	41			
	17	17	41	21	20	19			
	19	31	17	16	13	21			
	28	20	30	37	29	36			
Liberty Lincoln Madison McCone Meagher	51	50	2	20	42	9			
	55	56	39	55	55	56			
	4	8	27	12	7	29			
	34	7	28	32	44	18			
	15	27	33	34	27	38			
Mineral	56	55	52	56	56	55			
Missoula	50	45	51	51	47	51			
Musselshell	35	10	38	43	40	30			
Park	20	33	47	33	23	39			
Petroleum	38	34	56	49	43	49			
Phillips	7	15	10	19	15	24			
	44	32	5	13	36	3			
	6	5	48	30	14	42			
	22	41	46	45	32	47			
	30	36	40	36	30	34			
Ravalli Richland Roosevelt Rosebud Sanders	24	29	25	23	12	40			
	27	24	21	10	16	5			
	46	22	23	28	49	13			
	8	9	37	15	10	23			
	37	48	45	50	46	50			
Sheridan Silver Bow Stillwater Sweet Grass Teton	48	30	18	35	50	22			
	54	53	53	53	54	52			
	21	12	7	29	19	31			
	25	4	20	38	28	48			
	23	18	11	4	8	4			
Toole	49 36 13 32 47 3	49 47 37 3 40 25	14 54 13 12 43 31	25 44 18 42 52	48 39 22 31 52	12 33 15 43 45 7			

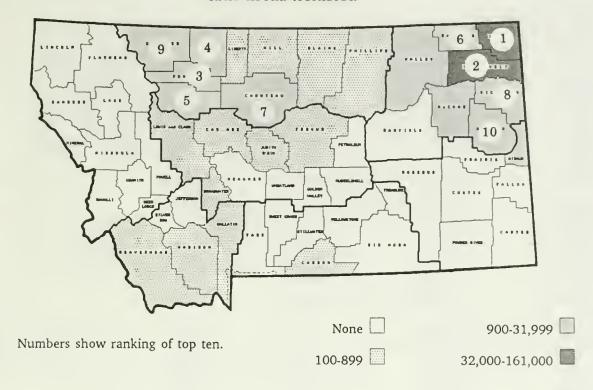
WINTER WHEAT - 1988 HARVESTED ACREAGE



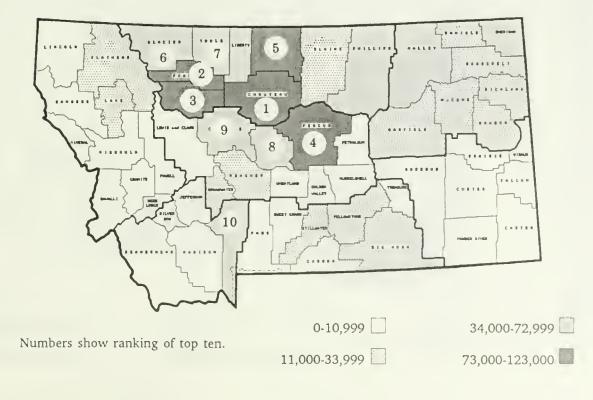
SPRING WHEAT EXCLUDING DURUM - 1988 HARVESTED ACREAGE



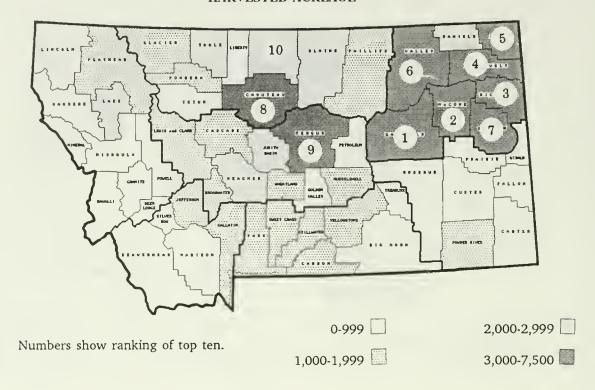
DURUM WHEAT - 1988 HARVESTED ACREAGE



BARLEY - 1988 HARVESTED ACREAGE



OATS - 1988 HARVESTED ACREAGE



ALFALFA HAY - 1988 HARVESTED ACREAGE



Numbers show ranking of top ten.

0-9,999

10,000-21,999

22,000-45,999

46,000-74,000

ALL CROPS: Harvested Acres, Irrigated and Non-Irrigated, 1987-1988

COUNTY	IRRIG	ATED	NON-IR	RIGATED
8c	Harvested	Harvested	Harvested	Harvested
DISTRICT	<u>Acres - 1987</u>	Acres - 1988	<u>Acres - 1987</u>	<u>Acres - 1988</u>
Deer Lodge	12,140	10,300	700	900
Flathead	31,840	33,990	50,300	28,200
Granite	25,200	29,400	1,600	1,300
Lake	55,050	67,560	28,800	21,000
Lincoln	7,100	8,500	4,000	3,600
Mineral	2,800	1,500	1,600	2,300
Missoula	23,930	22,850	9,900	3,200
	· · · · · · · · · · · · · · · · · · ·		•	
Powell	52,100	47,400	6,200	6,900
Ravalli	38,760	46,850	6,300	3,500
Sanders	15,900	20,500	14,600	14,500
NORTHWEST	264,820	288,850	124,000	85,400
Blaine	32,450	25,700	207,400	162,300
Chouteau	21,450	19,300	661,600	481,300
Glacier	21,100	22,300	215,100	161,100
Hill	8,300	8,500	561,700	438,600
Liberty	3,800	5,600	317,100	214,400
Phillips	50,300	34,600	215,700	149,600
Pondera	62,350	52,800	275,200	221,200
Teton	68,800	77,400	260,200	173,400
Toole	4,600	3,400	302,700	237,700
NORTH CENTRAL	273,150	249,670	3,016,700	2,239,600
Daniels	1,200	1,500	256,600	171,500
Dawson	17,190	16,340	224,000	149,500
Garfield	8,100	6,900	139,400	113,900
			•	
McCone	9,300	7,400	284,200	196,400
Richland	44,550	46,000	213,600	149,600
Roosevelt	12,320	12,520	343,900	246,400
Sheridan	4,430	4,930	309,400	272,800
Valley	31,750	41,500	355,300	268,400
NORTHEAST	128,840	137,150	2,126,400	1,568,500
Broadwater	37,800	35,630	47,900	37,200
Cascade	9 30,050	25,600	267,700	182,800
Fergus	22,650	18,800	345,200	284,300
Golden Valley	8,600	8,000	44,400	30,500
Judith Basin	13,700	7,300	177,300	142,700
Lewis & Clark	31,350	29,000	32,200	26,600
Meagher	27,600	30,300	41,200	29,700
Musselshell	10,800	9,600	66,400	46,200
Petroleum	11,300	7,200	26,200	16,400
Wheatland	17,400	13,950	45,500	33,700
CENTRAL	211,250	185,380	1,094,000	830,100
	124 010	154.000	12 200	0.700
Beaverhead	134,810	154,890	12,300	9,700
Gallatin	71,860	85,950	103,800	71,000
Jefferson	25,100	29,100	15,400	5,600
Madison	91,200	106,310	22,000	7,800
Silver Bow	7,200	7,600	800	500
SOUTHWEST	330,170	383,850	154,300	94,600
Big Horn	45,400	41,600	164,600	125,100
Carbon	65,870	66,870	41,800	27,700
Park	53,400	56,100	26,200	19,000
Stillwater	22,150	25,050	104,900	78,600
Sweet Grass	29,500	37,100	30,100	15,500
Treasure	21,640	-		6,400
Yellowstone	63,390	20,040 66,930	9,200 130,200	99,500
SOUTH CENTRAL	3 01,350	313,740	507,000	371,800
Carter			ŕ	
Custor	8,500	4,700	107,200	38,000
Custer	27,740	22,490	70,200	35,100
Fallon	7,250	3,900	121,800	44,900
Powder River	14,080	7,600	79,700	29,800
Prairie	10,200	14,950	61,700	29,000
Rosebud	39,100	32,880	81,700	58,500
Wibaux	2,100	2,900	78,300	44,200
SOUTHEAST	108,970	89,460	600,600	279,500
MONTANA	1,618,500	1,648,100	7,623,000	5,469,500

ALL WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1987

COUNTY		AC.	RES			
& &	Gross	, AC	Net	Harvested	Yield	
DISTRICT	Seeded	Reseeded 1	Seeded	for Grain	Per Acre	Production
						Bushels
Deer Lodge	400	0	400	300	66.7	20,000
Flathead	11,400	0	11,400	11,200	55.5	622,000
Granite	700	0	700	700	42.9	30,000
Lake	14,200 0	0	14,200 0	12,700 0	52.0	660,000
Lincoln	100	0	100	100	0.0 40.0	4 000
Mineral	3,300	0	3,300	3,300	40.3	4,000
Missoula	2,600	0	2,600	2,500	31.2	133,000 78,000
Ravalli	2,900	Ö	2,900	2,800	45.7	128,000
Sanders	1,400	ő	1,400	1,400	35.7	50,000
NORTHWEST	37,000	ŏ	37,000	35,000	49.3	1,725,000
TOTAL	07,000	·	07,000	30,000	17.0	1,720,000
Blaine	145,100	1,600	143,500	139,100	31.7	4,414,000
Chouteau	421,300	5,700	415,600	407,200	33.0	13,447,000
Glacier	112,400	100	112,300	108,000	32.8	3,547,000
Hill	433,300	4,400	428,900	419,300	31.8	13,341,000
Liberty	227,800	600	227,200	222,100	30.9	6,862,000
Phillips	140,600	0	140,600	135,600	27.9	3,784,000
Pondera	165,600	0	165,600	161,500	39.0	6,293,000
Teton	148,800	600	148,200	144,700	40.4	5,852,000
Toole	200,600	100	200,500	190,500	28.1	5,361,000
NORTH CENTRAL	1,995,500	13,100	1,982,400	1,928,000	32.6	62,901,000
Doniele	100.000	200	100.700	101 600	22.6	4.504.000
Daniels	199,900	200 500	199,700	191,600 147,700	23.6	4,524,000
Dawson	154,900 94,000	100	154,400	,	31.7 30.4	4,677,000
Garfield	191,800	0	93,900 191,800	89,000	31.6	2,709,000
McCone	144,800	0	144,800	183,800 137,800	31.8	5,800,000 4,383,000
Roosevelt	276,700	0	276,700	265,500	27.8	7,386,000
Sheridan	229,800	ő	229,800	221,000	26.2	5,782,000
Valley	274,600	200	274,400	263,600	25.7	6,772,000
NORTHEAST	1,566,500	1,000	1,565,500	1,500,000	28.0	42,033,000
	-,,	2,000	1,000,000	-,,		,,
Broadwater	38,600	200	38,400	37,600	43.6	1,638,000
Cascade	154,300	800	153,500	148,300	34.2	5,073,000
Fergus	146,800	400	146,400	140,100	40.4	5,665,000
Golden Valley	30,000	0	30,000	29,000	31.3	908,000
Judith Basin	67,100	0	67,100	65,000	40.7	2,644,000
Lewis & Clark	14,000	0	14,000	13,500	35.3	476,000
Meagher	9,800	0	9,800	9,200	35.4	326,000
Musselshell	45,000	0	45,000	43,900	24.7	1,083,000
Petroleum	15,400	0	15,400	14,900	24.4	363,000
Wheatland	31,000	0	31,000	29,500	36.3	1,071,000
CENTRAL	552,000	1,400	550,600	531,000	36.2	19,247,000
Beaverhead	14,500	200	14,300	13,500	57.5	776,000
Gallatin	53,100	100	53,000	50,100	55.3	2,771,000
Jefferson	11,800	200	11,600	11,200	46.3	518,000
Madison	11,800	0	11,800	11,400	54.1	617,000
Silver Bow	100	0	100	100	70.0	7,000
SOUTHWEST	91,300	500	90,800	86,300	54.3	4,689,000
n'						
Big Horn	103,900	0	103,900	100,000	35.3	3,526,000
Carbon	23,900	0	23,900	23,000	35.7	820,000
Park	15,900	1,200	14,700	14,000	39.2	549,000
Stillwater	55,100	0	55,100	45,000	32.0	1,438,000
Sweet Grass	6,700	0	6,700	6,500	36.6	238,000
Treasure Yellowstone	7,000 91,500	0	7,000 91,500	6,500 89,000	42.0 36.2	273,000 3,226,000
SOUTH CENTRAL	304,000	1,200	302,800	284,000	35.5	10,070,000
Souli Chattium	50 1,000	00عر 1	302,000	201,000	33.3	10,070,000
Carter	57,300	1,200	56,100	54,000	32.4	1,749,000
Custer	48,200	0	48,200	44,000	33.1	1,456,000
Fallon	63,000	0	63,000	58,000	29.2	1,695,000
Powder River	34,700	0	34,700	31,000	35.5	1,102,000
Prairie	36,900	100	36,800	34,500	34.1	1,176,000
Rosebud	57,300	0	57,300	54,500	36.2	1,971,000
Wibaux	51,300	0	51,300	49,700	28.3	1,406,000
SOUTHEAST	348,700	1,300	347,400	325,700	32.4	10,555,000
MONTANA	4 005 000	10 500	4 076 500	4 600 000	20.0	151 222 222
MONTANA	4,895,000	18,500	4,876,500	4,690,000	32.2	151,220,000

¹ Winter Wheat Reseeded to Spring Wheat.

ALL WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1988

COUNTY		A.C	CRES			
&	Gross		Net	Harvested	Yield	
DISTRICT	Seeded	Reseeded 1	Seeded	for Grain	Per Acre	Production
						Bushels
Deerlodge	1,100	0	1,100	1,000	41.5	41,500
Flathead	9,500	0	9,500	9,100	62.5	569,000
Granite	300	0	300	300	48.3	14,500
Lake	12,000	300	11,700	11,100	44.2	491,000
Lincoln	0 300	0	0 300	300	0.0 36.7	11.000
Mineral		0	2,100	2,000	56.5	11,000
Missoula	2,100 2,700	0	2,700	2,600	49.2	113,000 128,000
Powell	2,000	0	2,000	1,700	49.4	84,000
Sanders	2,000	0	2,000	1,900	34.2	65,000
NORTHWEST	32,000	300	31,700	30,000	50.6	1,517,000
MORTHWILDT	32,000	300	51,700	50,000	50.0	1,517,000
Blaine	170,000	1,900	168,100	133,000	14.7	1,949,700
Chouteau	420,000	1,500	418,500	355,000	17.2	6,121,000
Glacier	116,000	0	116,000	100,000	20.4	2,042,500
Hill	420,000	800	419,200	359,000	14.0	5,037,500
Liberty	200,000	0	200,000	174,000	12.6	2,196,800
Phillips	120,000	0	120,000	100,000	12.6	1,257,000
Pondera	168,000	100	167,900	151,000	23.6	3,559,000
Teton	144,000	0	144,000	130,000	27.8	3,617,000
Toole	205,000	2,100	202,900	170,000	13.0	2,204,500
NORTH CENTRAL	1,963,000	6,300	1,956,700	1,672,000	16.7	27,985,000
Doniele	106.000	0	196 000	125,000	7 7	1.025.000
Daniels	186,000 141,000	0 1,000	186,000 140,000	135,000 105,000	7.7 11.6	1,035,000 1,217,000
Dawson	112,000	0	112,000	80,000	8.2	652,000
McCone	188,500	0	188,500	149.000	10.2	1,522,300
Richland	156,000	Ö	156,000	116,000	9.4	1,094,000
Roosevelt	276,000	Ö	276,000	197,000	7.7	1,526,300
Sheridan	255,500	ő	255,500	209,000	8.1	1,702,400
Valley	274,000	1,800	272,200	217,000	7.9	1,713,000
NORTHEAST	1,589,000	2,800	1,586,200	1,208,000	8.7	10,462,000
	-,,	7	-,,	-,,		,
Broadwater	40,000	100	39,900	35,000	29.2	1,022,200
Cascade	135,000	100	134,900	118,000	25.6	3,020,900
Fergus	142,000	100	141,900	124,000	28.3	3,508,700
Golden Valley	30,000	0	30,000	25,000	17.8	446,000
Judith Basin	65,000	0	65,000	56,000	24.0	1,346,400
Lewis & Clark	14,000	0	14,000	13,000	29.5	383,800
Meagher	11,500	0	11,500	10,000	15.1	151,000
Musselshell	36,000	0	36,000	31,000	17.3	537,000
Petroleum	11,500	0	11,500	10,000	18.0	180,000 532,000
Wheatland	34,000 519,000	0 300	34,000 518, 70 0	28,000 450,000	19.0 24.7	11,128,000
CENTRAL	319,000	300	310,700	450,000	24.7	11,128,000
Beaverhead	12,500	0	12,500	11,000	42.5	467,000
Gallatin	40,000	400	39,600	36,500	47.2	1.721.000
Jefferson	6,000	100	5,900	4,500	25.3	114,000
Madison	8,000	0	8,000	7,500	33.3	250,000
Silver Bow	500	0	500	500	24.0	12,000
SOUTHWEST	67,000	500	66,500	60,000	42.7	2,564,000
Big Horn	93,900	0	93,900	80,000	22.1	1,767,000
Carbon	16,600	100	16,500	15,000	20.7	311,000
Park	12,000	0	12,000	10,000	23.4	234,000
Stillwater	46,000	1,000	45,000	38,000	19.4	738,000
Sweet Grass	6,000	0	6,000	5,000	14.0	70,000
Treasure	5,500	0	5,500	4,000	26.3	105,000
Yellowstone	80,000	1.100	80,000	70,000	18.6	1,303,000
SOUTH CENTRAL	260,000	1,100	258,900	222,000	20.4	4,528,000
Carter	40,000	4,000	36,000	21,000	8.2	172,000
Custer	40,000	1,100	38,900	28,000	8.7	244,000
Fallon	50,000	0	50,000	26,000	7.5	196,000
Powder River	25,000	4,500	20,500	17,000	10.8	183,000
Prairie	39,000	2,100	36,900	19,000	9.3	177,000
Rosebud	56,000	0	56,000	42,000	13.3	557,000
Wibaux	50,000	0	50,000	35,000	7.3	257,000
SOUTHEAST	300,000	11,700	288,300	188,000	9.5	1,786,000
1401-			. ===	0.000.000		
MONTANA	4,730,000	23,000	4,707,000	3,830,000	15.7	59,970,000

¹ Winter Wheat Reseeded to Spring Wheat.

WINTER WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1987

COUNTY	2	ТОТ				GATED		RRIGATED
& DISTRICT	Planted Acres	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
				Bushels		Bu	114165	Bu
Deer Lodge	0	0	0	0	0	0	0	0
Flathead	9,400	9,300	55	509,000	2,100	77	7,200	48
Granite	0 9,200	0 0	0 58	482 000	0 4,200	0 75	4 100	0
Lake	9,200	8,300 0	0	482,000 0	4,200	0	4,100 0	41 0
Mineral	100	100	40	4,000	Ō	0	100	40
Missoula	2,400	2,400	34	82,000	300	47	2,100	32
Powell	1,000 1,700	1,000 1,700	27 42	27,000 71,000	0 400	0 63	1,000 1,300	27 35
Sanders	1,200	1,200	37	44,000	0	0	1,200	37
NORTHWEST	25,000	24,000	51	1,219,000	7,000	73	17,000	41
Blaine	48,000	45,000	35	1,581,000	200	60	44,800	35
Chouteau	341,000	330,000	34	11,258,000	800	48	329,200	34
Glacier	9,300	9,000	33 35	300,000	0	0	9,000	33
Hill Liberty	167,000 99,700	160,000 97,000	33	5,604,000 3,244,000	0	0	160,000 97,000	35 33
Phillips	36,000	35,000	32	1,124,000	400	48	34,600	32
Pondera	94,000	92,000	40	3,711,000	1,000	66	91,000	40
Teton	94,000	92,000	42	3,884,000 1,948,000	1,600	47	90,400	42
Toole	65,000 954,000	63,000 923,000	31 35	32,654,000	4, 000	0 53	63,000 919,000	31 35
	,51,000	720,000	00	02,001,000	1,000	00	717,000	33
Daniels	4,300	4,000	32	128,000	0	0	4,000	32
Dawson	67,000 63,000	64,000 60,000	35 33	2,252,000 1,969,000	0	0	64,000 60,000	35 33
McCone	73,000	70,000	36	2,508,000	ő	Ö	70,000	36
Richland	35,000	32,000	34	1,103,000	0	0	32,000	34
Roosevelt	33,700	32,000	32	1,039,000	0	0	32,000	32
Sheridan	12,000 28,000	11,000 27,000	29 32	322,000 859,000	100	0 50	11,000 26,900	29 32
NORTHEAST	316,000	300,000	34	10,180,000	100	50	299,900	34
Droadwatar	17.500	17.000	20	671.000	200		16 000	20
Broadwater	17,500 123,000	17,000 118,000	39 35	671,000 4,162,000	200 600	55 53	16,800 117,400	39 35
Fergus	136,000	130,000	41	5,366,000	500	58	129,500	41
Golden Valley	27,000	26,000	32	832,000	400	50	25,600	32
Judith Basin	58,000	56,000	42	2,365,000	0	0	56,000	42
Lewis & Clark Meagher	9,400 8,600	9,000 8,000	34 36	310,000 284,000	0	0	9,000 8,000	34 36
Musselshell	43,000	42,000	25	1,042,000	ŏ	ŏ	42,000	25
Petroleum	14,500	14,000	25	346,000	0	0	14,000	25
Wheatland	26,000 463,000	25,000 445 ,000	37 37	933,000 16,311, 000	0 1,700	0 54	25,000 443,3 00	37 3 7
CAMPITAL	403,000	443,000	3/	10,511,000	1,700	54	443,300	3,
Beaverhead	5,500	5,000	49	246,000	100	80	4,900	49
Gallatin	38,000 8,300	36,000 8,000	54 49	1,937,000 395,000	1,900 0	67 0	34,100 8,000	53 49
Madison	6,200	6,000	53	317,000	700	90	5,300	48
Silver Bow	0	0	0	0	0	0	0	0
SOUTHWEST	58,000	55,000	53	2,895,000	2,700	74	52,300	52
Big Horn	91,000	88,000	34	3,015,000	300	57	87,700	34
Carbon	17,500	17,000	34	574,000	1,500	45	15,500	33
Park	11,500 48,000	10,000 39,000	41 33	413,000	400 0	40 0	9,600 39,000	41 33
Sweet Grass	5,600	5,500	38	1,276,000 207,000	0	0	5,500	38
Treasure	3,600	3,500	30	106,000	100	70	3,400	29
Yellowstone	81,800	80,000	36	2,910,000	1,600	68	78,400	36
SOUTH CENTRAL	259,000	243,000	35	8,501,000	3,900	55	239,100	35
Carter	41,500	39,000	35	1,374,000	300	43	38,700	35
Custer	40,500	38,000	34	1,302,000	300 0	40	37,700	34 35
Fallon	24,000 31,000	22,000 28,000	35 37	775,000 1,031,000	0	0	22,000 28,000	35 37
Prairie	31,000	29,000	36	1,034,000	0	0	29,000	36
Rosebud	48,500	46,000	36	1,651,000	0	0	46,000	36
Wibaux	8,500 225,000	8,000 210,000	34 35	273,000 7,440,000	0 600	0 42	8,000 209,400	34 3 5
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MONTANA	2,300,000	2,200,000	36	79,200,000	20,000	63	2,180,000	36

COUNTY	73		DTAL		IRRIG	ATED	NON-IR	RIGATED
& DISTRICT	Planted Acres	Harvested Acres	Yield Per Acı		Harvested	Yield	Harvested	Yield
2,01,1401	<u> Acres</u>	Actes		Bushels	Acres	Per Acre	Acres	Per Acre
Daniela.	4					- bu,		Bu
Deerlodge	6,900	500	40	20,000	0	0	500	40
Granite	0,900	6,600 0	71 0	467,000 0	2,200 0	82	4,400	65
Lake	7,300	6,600	46	301,000	4,200	0 54	0 2,400	0
Lincoln	0	0	0	0	0	0	2,400	31
Mineral		300	37	11,000	0	0	300	37
Missoula	1,100 1,200	1,000 1,100	50 56	50,000	0	0	1,000	50
Ravalli	1,100	800	40	62,000 32,000	0 100	0 60	1,100	56
Sanders		1,400	31	44,000	0	0	700 1,400	37 31
NORTHWEST	20,000	18,300	54	987,000	6,500	63	11,800	49
Blaine	84,900	72,900	16	1,135,000	900	20	70.000	
Chouteau	356,000	312,300	17	5,454,000	1,500	28 25	72,000 310,800	15 17
Glacier	16,600	13,800	25	350,000	0	0	13,800	25
Hill		200,500	16	3,131,000	500	22	200,000	16
Phillips	131,400 44,300	117,500 39,400	14 14	1,631,000 548,000	300 600	37	117,200	14
Pondera	111,200	101,400	26	2,616,000	1,000	22 60	38,800 100,400	14 25
Teton	109,300	99,900	30	2,977,000	2,000	64	97,900	29
Toole	83,000	73,300	14	1,015,000	0	0	73,300	14
MORTH CLEATRAIL	1,166,100	1,031,000	18	18,857,000	6,800	42	1,024,200	18
Daniels	6,500	4,800	13	60,000	0	0	4,800	12
Dawson	65,900	54,000	14	772,000	100	30	53,900	13 14
Garfield	72,000	59,000	9	558,000	0	0	59,000	9
McCone	82,400 44,500	70,000 39,700	13 9	930,000	0	0	70,000	13
Roosevelt	31,500	25,500	10	347,000 253,000	100	50 0	39,600	9
Sheridan	4,900	4,000	8	33,000	ŏ	0	25,500 4,000	10 8
Valley	37,900	32,000	9	280,000	0	0	32,000	9
NORTHEAST	345,600	289,000	11	3,233,000	200	40	288,800	11
Broadwater	24,700	21,500	23	490,000	500	60	21,000	22
Cascade	113,600	100,300	26	2,616,000	1,200	46	99,100	26
Fergus	132,900 27,000	115,900 23,000	29 18	3,398,000	200	40	115,700	29
Judith Basin	59,900	51,900	24	425,000 1,270,000	1,000	30 0	22,000	18
Lewis & Clark	10,600	9,800	31	300,000	Ö	ő	51,900 9,800	24 31
Meagher	10,000	9,000	14	128,000	0	0	9,000	14
Petrolcum	34,500 10,500	30,000 9,500	18 18	525,000	0	0	30,000	18
Wheatland	31,000	26,000	20	173,000 515,000	100	20 0	9,400	18
CENTRAL	454,700	396,900	25	9,840,000	3,000	42	26,000 393,900	20 25
Beaverhead	3,400	2 100	40	152.000	-		•	
Gallatin	27,800	3,100 25,600	49 50	153,000 1,273,000	0 3,000	0	3,100	49
Jefferson	3,000	2,500	30	74,000	0	50 0	22,600 2,500	50 30
Madison	3,800	3,500	34	118,000	Ō	Ö	3,500	34
Silver Bow	500 38,5 00	500	24	12,000	0	0	500	24
	30,300	35,200	46	1,630,000	3,000	50	32,200	46
Big Horn	84,500	74,000	22	1,611,000	1,000	50	73,000	21
Carbon	11,000	10,500	23	238,000	500	40	10,000	22
Park	8,900 40,000	8,000 34,000	25 21	200,000 697,000	600	53	7,400	23
Sweet Grass	4,900	4,000	15	60,000	0	0	34,000 4,000	21 15
Treasure	4,000	3,000	17	50,000	0	ő	3,000	17
Yellowstone	72,100	65,000	19	1,203,000	900	56	64,100	18
COM CINTON	225,400	198,500	20	4,059,000	3,000	51	195,500	20
Carter	28,900	16,000	8	121,000	0	0	16,000	8
Custer	36,000	26,000	8	211,000	300	33	25,700	8
Fallon	20,000 23,000	12,000	8	91,000	0	0	12,000	8
Prairie	36,000	16,000 17,500	11 9	177,000 163,000	0	0	16,000	11
Rosebud	46,000	36,500	13	459,000	200	0 40	17,500 36,300	9 12
Wibaux	9,800	7,100	10	72,000	0	0	7,100	10
SOUTHEAST	199,700	131,100	10	1,294,000	500	36	130,600	10
MONTANA	2,450,000	2,100,000	19	39,900,000	23,000	50	2 077 000	10
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SPRING WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1987

COUNTY		TO	FAL.		IRRIG	ATED	NON-IRI	RIGATED
&	Planted	Harvested	Yield		Harvested	Yield	Harvested	Yield
DISTRICT	Acres	Acres	Per Acre	Production ushels	<u>Acres</u>	Per Acre	Acres	Per Acre
			D	usiieis		Du		Du
Deer Lodge	400	300	67	20,000	300	67	0	0
Flathead	2,000	1,900	59	113,000	1,200	72	700	39
Granite	700	700	43	30,000	700	43	0	0
Lake	5,000	4,400 0	40 0	178,000 0	1,900 0	53 0	2,500 0	31 0
Lincoln	0	0	Ö	ő	ő	ő	Ö	ő
Missoula	900	900	57	51,000	800	60	100	30
Powell	1,600	1,500	34	51,000	1,000	38	500	26
Ravalli	1,200	1,100	52	57,000	1,100	52	0	0
Sanders	200	200	30	6,000	7, 000	0 54	200	30 32
NORTHWEST	12,000	11,000	46	506,000	7,000	34	4,000	34
Blaine	97,000	94,000	30	2,830,000	2,500	46	91,500	30
Chouteau	78,000	75,000	28	2,130,000	3,800	59	71,200	27
Glacier	102,000	98,000	33	3,221,000	2,100	49	95,900	33
Hill	266,000	259,000	30	7,729,000	500	48	258,500	30
Liberty	128,000 104,000	125,000 100,000	29 26	3,615,000 2,645,000	900 1,500	56 50	124,100 98,500	29 26
Phillips	64,000	62,000	37	2,288,000	11,000	54	51,000	33
Teton	50,000	48,000	37	1,778,000	5,600	59	42,400	34
Toole	127,000	119,000	27	3,175,000	100	50	118,900	27
NORTH CENTRAL	1,016,000	980,000	30	29,411,000	28,000	54	952,000	29
Daniele	194,000	186,000	23	4,350,000	0	0	186,000	23
Daniels	87,000	83,000	29	2,405,000	500	50	82,500	29
Garfield	31,000	29,000	26	740,000	600	67	28,400	25
McCone	118,000	113,000	29	3,268,000	1,700	52	111,300	29
Richland	109,000	105,000	31	3,255,000	4,800	66	100,200	29
Roosevelt	216,000	207,000	27 25	5,567,000	1,200 200	52 50	205,800 77,800	27 25
Sheridan Valley	82,000 246,000	78,000 236,000	25	1,975,000 5,895,000	5,000	47	231,000	25
NORTHEAST	1,083,000	1,037,000	26	27,455,000	14,000	55	1,023,000	26
		, ,						
Broadwater	20,500	20,000	47	934,000	9,000	64	11,000	32
Cascade	31,000 10,700	7 30,000 10,000	30 30	900,000 296,000	5,000 0	58 0	25,000 10,000	24 30
Fergus	3,000	3,000	25	76,000	100	60	2,900	24
Judith Basin	9,100	9,000	31	279,000	0	0	9,000	31
Lewis & Clark	4,600	4,500	37	166,000	1,300	61	3,200	27
Meagher	1,200	1,200	35	42,000	500	56	700	20
Musselshell	2,000 900	1,900 900	22 19	41,000 17,000	100	60 0	1,800 900	19 19
Petroleum	5,000	4,500	31	138,000	ő	ő	4,500	31
CENTRAL	88,000	85,000	34	2,889,000	16,000	62	69,000	28
								0.5
Beaverhead	9,000	8,500	62	530,000	6,500	71	2,000	35 38
Gallatin	15,000	14,000	59 38	828,000 123,000	7,500 0	77 0	6,500 3,200	38
Jefferson	3,500 5,400	3,200 5,200	55	287,000	2,900	73	2,300	32
Silver Bow	100	100	70	7,000	100	70	0	0
SOUTHWEST	33,000	31,000	57	1,775,000	17,000	74	14,000	37
Di- 11	12.000	10.000	42	E11 000	2 200	70	9.700	22
Big Horn	12,900 6,400	12,000 6,000	43 41	511,000 246,000	3,300 4,000	70 48	8,700 2,000	32 28
Park	4,400	4,000	34	136,000	500	46	3,500	32
Stillwater	7,100	6,000	27	162,000	200	60	5,800	26
Sweet Grass	1,100	1,000	31	31,000	0	0	1,000	31
Treasure	3,400	3,000	56	167,000	2,000	70	1,000	27
Yellowstone	9,700	9,000	35	316,000	2,000	63 60	7,000 2 9,000	27 29
SOUTH CENTRAL	45,000	41,000	38	1,569,000	12,000	00	27,000	47
Carter	15,800	15,000	25	375,000	0	0	15,000	24
Custer	7,700	6,000	26	154,000	600	50	5,400	22
Fallon	39,000	36,000	26	920,000	0	0	36,000	25
Powder River	3,700 5,000	3,000 5,500	24 26	71,000 142,000	0 400	0 58	3,000 5,100	23 23
Prairie	5,900 8,800	8,500	38	320,000	3,000	63	5,500	22
Wibaux	42,100	41,000	27	1,113,000	0	0	41,000	26
SOUTHEAST	123,000	115,000	27	3,095,000	4,000	61	111,000	25
MONTEANIA	2 400 000	2 200 000	20	66 700 000	00 000	60	2 202 000	28
MONTANA	2,400,000	2,300,000	29	66,700,000	98 ,000	60	2,202,000	20

SPRING WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1988

COUNTY			TAL		IRRIG		NON-IRI	
& DISTRICT	Planted Acres	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
				ushels		Bu		Bu
Deerlodge	500	500	43	21,500	100	65	400	38
Flathead	2,600	2,500	41	102,000	700	69	1,800	30
Granite	300 4,700	300 4,500	48 42	14,500 190,000	100 2,500	65 49	200 2,000	40 34
Lincoln	0	0	Õ	0	0	ó	0	0
Mineral	0	0	0	0	0	0	0	0
Missoula	1,000	1,000	63	63,000	800 1,000	69 46	200 500	40 40
Powell	1,500 900	1,500 900	44 58	66,000 52,000	700	64	200	35
Sanders	500	500	42	21,000	100	50	400	40
NORTHWEST	12,000	11,700	45	530,000	6,000	56	5,700	34
Blaine	85,000	60,000	14	814,000	3,500	41	56,500	12
Chouteau	60,000	40,000	16	650,000	5,500	46	34,500	11
Glacier	98,000	85,000	20 12	1,677,000	5,000 500	35 40	80,000 157,500	19 12
Hill Liberty	190,000 68,000	158,000 56,000	10	1,900,000 563,000	2,500	32	53,500	9
Phillips	75,000	60,000	12	700,000	2,500	24	57,500	11
Pondera	48,000	41,000	20	810,000	6,500	38	34,500	16
Teton	29,000	25,000	23 13	585,000	6,000	45 0	19,000 90,000	17 13
Toole	115,000 768,000	90,000 615 ,000	14	1,139,000 8, 838,000	32,000	39	583,000	13
					0	0	•	7
Daniels	176,000 74,000	127,000 50,000	7 9	942,000 437,000	100	40	127,000 49,900	7 9
Garfield	40,000	21,000	4	94,000	100	40	20,900	4
McCone	105,000	78,000	8	586,000	800	25	77,200	7
Richland	110,000 201,000	75,000 139,000	10 7	730,000 972,000	4,800 700	35 24	70,200 138,300	8 7
Sheridan	55,000	44,000	8	353,000	0	0	44,000	8
Valley	235,000	184,000	8	1,420,000	3,500	24	180,500	7
NORTHEAST	996,000	718,000	8	5,534,000	10,000	30	708,000	7
Broadwater	14,800	13,000	39	506,000	7,500	55	5,500	17
Cascade	21,000	17,500	23	403,000	4,500	56 0	13,000	12 14
Fergus	9,000 3,000	8,000 2,000	14 11	110,000 21,000	0	0	8,000 2,000	11
Judith Basin	5,000	4,000	19	75,000	0	Ō	4,000	19
Lewis & Clark	3,200	3,000	27	82,000	600	53	2,400	21
Meagher	1,500 1,500	1,000 1,000	23 12	23,000 12,000	400 0	40 0	600 1,000	12 12
Petroleum	1,000	500	14	7,000	ő	0	500	14
Wheatland	3,000	2,000	9	17,000	0	0	2,000	9
CENTRAL	63,000	52,000	24	1,256,000	13,000	55	39,000	14
Beaverhead	9,000	7,800	39	308,000	5,500	50	2,300	15
Gallatin	12,000	10,700	41	436,000	5,400	51	5,300	30 18
Jefferson	3,000 4,000	2,000 3,800	20 32	40,000 121,000	100 3,000	50 37	1,900 800	14
Silver Bow	0	0	0	0	0	0	0	0
SOUTHWEST	28,000	24,300	37	905,000	14,000	47	10,300	23
Big Ilorn	9,400	6,000	26	156,000	3,200	39	2,800	11
Carbon	5,000	4,000	16	62,000	2,000	20	2,000	11
Park	3,100 6,000	2,000 4,000	17 10	34,000 41,000	200 100	40 40	1,800 3,900	14 9
Sweet Grass	1,100	1,000	10	10,000	0	0	1,000	10
Treasure	1,500	1,000	55	55,000	1,000	55	0	0
Yellowstone	7,900	5,000	20	100,000	1,500	45	3,500	9
SOUTH CENTRAL	34,000	23,000	20	458,000	8,000	38	15,000	11
Carter	11,000	5,000	10	51,000	0 400	0 33	5,000 1,600	10 13
Custer Fallon	4,000 30,000	2,000 14,000	17 8	33,000 105,000	0	0	14,000	8
Powder River	2,000	1,000	6	6,000	0	0	1,000	6
Prairie	3,000	1,500	9	14,000	100	40	1,400	7
Rosebud	10,000 39,000	5,500 27,000	18 6	98,000 172,000	1,500 0	49 0	4,000 27,000	6
SOUTHFAST	99,000	56,000	9	479,000	2,000	46	54,000	7
MONTANA	2,000,000	1,500,000	12	18,000,000	85,000	43	1,415,000	10
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DURUM WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1987

					40040			
COUNTY	771	TO			IRRIGA		NON-IRF	
&	Planted	Harvested	Yield	D 1	Harvested	Yield	Harvested	Yield
DISTRICT	Acres	Acres	Per Acre	Production	Acres	Per Acre	Acres	Per Acre
			Bu	shels		Bu		Bu
Blaine	100	100	30	3,000	0	0	100	30
	2,300	2,200	27	59,000	0	0	2,200	27
Chouteau	1,100	1,000	26	26,000	0	0		
Glacier	300	300	27	8,000	0	0	1,000 300	26
Hill	100	100	30	3,000	0	0		27 30
Liberty	600	600	25		0	-	100	
Phillips				15,000	•	0	600	25
Pondera	7,600	7,500	39	294,000	1,200	58	6,300	36
Teton	4,800	4,700	40	190,000	100	60	4,600	40
Toole	8,600	8,500	28	238,000	0	0	8,500	28
NORTH CENTRAL	25,500	25,000	33	836,000	1,300	58	23,700	32
Daniels	1,600	1,600	29	46,000	0	0	1.60	29
Dawson	900	700	29	20,000	Ŏ	ŏ	700	29
McCone	800	800	30	24,000	Ö	ő	800	30
Richland	800	800	31	25,000	0	ő	800	31
Roosevelt	27,000	26,500	29	780,000	0	Ö	26,500	29
Sheridan	135,800	132,000	26	3,485,000	800	63	131,200	26
Vollar	600	600	30	18.000	0	0	600	30
Valley			27		800	-		
NORTH EAST	16 7,500	163,000	2/	4,398,000	800	63	16 2,200	27
Broadwater	600	600	55	33,000	600	55	0	0
Cascade	300	300	37	11,000	0	0	300	37
Fergus	100	100	30	3,000	0	0	100	30
CENTRAL	1,000	1,000	47	47,000	600	55	400	35
Callaria	100	100		6.000	100		•	•
Gallatin	100	100	60	6,000	100	60	0	0
Madison	200	200	65	13,000	200	65	0	0
SOUTHWEST	300	300	63	19,000	300	63	0	0
Wibaux	700	700	29	20,000	0	0	700	29
SOUTHEAST	700	700	29	20,000	Ö	ŏ	700	29
COULTE BUT	, 00	, 00	27	20,000	· ·	•	, 00	47
MONTANA	195,000	190,000	28	5,320,000	3,000	59	187,000	28



DURUM WHEAT: Acreage, Yield, and Production, by Counties and Districts, 1988

COUNTY		TO	ΓAL		IRRIGA	ATED	NON-IRR	NON-IRRIGATED	
&	Planted	Harvested	Yield		Harvested	Yield	Harvested	Yield	
DISTRICT	Acres	Acres	Per Acre	Production	Acres	Per Acre	Acres	Per Acre	
DISTRICT	ACICS	ricics		ishels	110100	Bu	110100	Bu	
			DC	1311013		Du.		Du.	
Dising	100	100	7	700	0	0	100	7	
Blaine	4,000	2,700	6	17,000	Õ	Ö	2,700	6	
Chouteau			13	15,500	Ö	Ö	1,200	13	
Glacier	1,400	1,200			0	0	500	13	
Hill	600	500	13	6,500	*	-			
Liberty	600	500	6	2,800	0	0	500	6	
Phillips	700	600	15	9,000	0	0	600	15	
Pondera	8,800	8,600	15	133,000	1,300	45	7,300	10	
Teton	5,700	5,100	11	55,000	700	31	4,400	8	
Toole	7,000	6,700	8	50,500	0	0	6,700	8	
NORTH CENTRAL	28,900	26,000	11	290,000	2,000	40	24,000	9	
Daniels	3,500	3,200	10	33,000	0	0	3,200	10	
Dawson	1,100	1,000	8	8,000	0	0	1,000	8	
McCone	1,100	1,000	6	6,300	0	0	1,000	6	
Richland	1,500	1,300	13	17,000	200	35	1,100	9	
	43,500	32,500	9	301,300	0	0	32,500	9	
Roosevelt		161,000	8	1,316,400	500	50	160,500	8	
Sheridan	195,600	1,000	13	13,000	300	27	700	7	
Valley	1,100				1,000	40	200,000	8	
NORTHEAST	247,400	201,000	8	1,695,000	1,000	40	200,000	0	
Broadwater	500	500	52	26,200	400	63	100	12	
	400	200	10	1,900	0	0	200	10	
Cascade		100	7	700	Ö	Ö	100	7	
Fergus	100			1,400	0	0	100	14	
Judith Basin	100	100	14		0	0	200	9	
Lewis & Clark	200	200	9	1,800					
CENTRAL	1,300	1,100	29	32,000	400	63	700	10	
Beaverhead	100	100	60	6,000	100	60	0	0	
Gallatin	200	200	60	12,000	200	60	0	0	
Madison	200	200	55	11,000	200	55	0	0	
SOUTHWEST	500	500	58	29,000	500	58	0	0	
300111W1231	300	300	50	27,000	500		_		
Carbon	600	500	22	11,000	100	50	400	15	
SOUTH CENTRAL	600	500	22	11,000	100	50	400	15	
				,					
Carter	100	0	0	0	0	0	0	0	
Wibaux	1,200	900	14	13,000	0	0	900	14	
SOUTHEAST	1,300	900	14	13,000	0	0	900	14	
MONTANA	280,000	230,000	9	2,070,000	4,000	45	226,000	8	



BARLEY: Acreage, Yield, and Production, by Counties and Districts, 1987

COUNTY		TO	ΓAL		IRRIC	GATED	NON-IR	RIGATED
&	Planted	Harvested	Yield		Harvested	Yield	Harvested	Yield
DISTRICT	<u>Acres</u>	Acres	Per Acre	<u>Production</u> shels	Acres	Per Acre	Acres	Per Acre
					222		000	
Deer Lodge	1,400	1,000	78	77,800	800	85	200	49
Flathead	38,000	37,000	73	2,689,000	10,100	90	26,900	66
Granite	500	500	46	23,000	400	50	100	30
Lake	12,000	10,500 0	65	686,000 0	6,000 0	76	4,500	51
Lincoln	0	0	0	0	0	0	0	0
Mineral	4,000	3,500	-	164,000	1,500	63	2,000	35
Missoula	8,100	6,000	47 49	296,000	4,400	54	1,600	36
Ravalli	9,600	8,500	50	429,200	4,500	66	4,000	33
Sanders	1,400	1,000	35	35,000	300	50	700	29
NORTHWEST	75,000	68,000	65	4,400,000	28,000	75	40,000	58
nt t	50.000	FF 000	40	, , , , , , , , , , , , , , , , , , , ,	2.000		50.000	40
Blaine	59,000	55,000	42	2,333,000	3,000	56	52,000	42
Chouteau	259,000	240,000	34	8,142,000	1,000	83	239,000	34
Glacier	112,000	104,000	48	4,989,000	9,000	60 75	95,000	47
Hill	132,000	124,000	44	5,512,000	1,500 1,000	75 72	122,500	44 37
Liberty	97,000 58,000	89,000 53,000	38 41	3,352,000 2,199,000	1,500	59	88,000 51,500	41
Pondera	158,000	150,000	57	8,540,000	37,000	73	113,000	52
Teton	143,000	135,000	57	7,715,000	29,000	83	106,000	50
Toole	110,000	100,000	45	4,501,000	2,000	56	98,000	45
NORTH CENTRAL	1,128,000	1,050,000	45	47,283,000	85,000	74	965,000	42
					,			
Daniels	42,000	39,000	32	1,251,000	200	55	38,800	32
Dawson	43,000	39,000	41	1,599,000	600	57	38,400	41
Garfield	25,000	21,000	38	800,000	500	50	20,500	38 40
McCone	43,000 42,000	38,000	40 43	1,530,000 1,651,000	100 2,400	60 79	37,900 35,600	40
Richland	47,000	38,000 44,000	36	1,588,000	200	50	43,800	36
Sheridan	56,000	53,000	34	1,806,000	100	60	52,900	34
Valley	62,000	58,000	34	1,963,000	900	40	57,100	34
NORTHEAST	360,000	330,000	37	12,188,000	5,000	64	325,000	37
	,	,		,,	,,,,,		,	
Broadwater	24,000	23,000	55	1,270,000	6,300	76	16,700	47
Cascade	92,000	87,000	34	2,996,000	5,900	75	81,100	31
Fergus	139,000	125,000	48	5,954,000	900	60	124,100	48
Golden Valley	12,700	10,000	30	300,000	800	51	9,200	28
Judith Basin	76,000	74,000	47	3,495,000	2,000	48	72,000	47
Lewis & Clark	11,000	10,000	51	505,000	3,200	72 76	6,800	40 37
Meagher	27,300 9,000	25,000 8,000	40 33	989,000 264,000	1,500 100	80	23,500 7,900	32
Petroleum	8,000	6,000	32	191,000	500	54	5,500	30
Wheatland	16.000	15,000	34	506,000	800	58	14,200	32
CENTRAL	415,000	383,000	43	16,470,000	22,000	70	361,000	41
	·	·	7.5	740.000	•	70	•	FO
Beaverhead	12,000	10,000 58,500	75 66	748,000 3,878,000	8,000 16,500	79	2,000 42,000	58 58
Gallatin Jefferson	61,000 5,600	5,000	66 58	290,000	16,500 2,500	88 72	2,500 2,500	58 44
Madison	10,500	9,700	74	720,000	6,200	84	3,500	57
Silver Bow	900	800	80	64,000	800	80	0,500	0
SOUTHWEST	90,000	84,000	68	5,700,000	34,000	84	50,000	57
	·							
Big Horn	37,000	33,000	47	1,559,000	10,000	70	23,000	37
Carbon	18,000	16,000	63	1,004,000	11,000	72	5,000	42
Park	11,000	9,500	55	523,000	3,500	68	6,000	48
Stillwater	30,000	21,000	28	581,000	500	74	20,500	27
Sweet Grass	7,200	6,500 3,000	46 80	298,000 241,000	1,300 2,200	62 95	5,200 800	42 40
Treasure	3,300 45,500	31,000	52	1,599,000	11,500	78	19,500	36
Yellowstone SOUTH CENTRAL	152,000	120,000	48	5,805,000	40,000	74	80,000	36
Special Control of the Control	ŕ	·			•		•	
Carter	9,000	6,500	34	221,000	0	0	6,500	34
Custer	9,500	8,000	42	337,000	1,500	61	6,500	38
Fallon	13,500	11,000	41	455,000	0	0	11,000	41
Provider River	6,500	5,500	37	203,000	100	70 72	5,400	36 40
Prairie	12,000 19,500	10,000 16,000	42 43	416,000 682,000	500 2,900	72 79	9,500 13,100	40 35
Wibaux	10,000	8,000	43	340,000	2,900	0	8,000	43
SOUTHEAST	80,000	65,000	41	2,654,000	5,000	7 3	60,000	38
	·						ŕ	
MONTANA	2,300,000	2,100,000	45	94,500,000	219,000	75	1,881,000	42

COUNTY		TOT	`AL		IRRIG	ATED	NON-IRI	RIGATED
&c	Planted	Harvested	Yield		Harvested	Yield	Harvested	Yield
DISTRICT	Acres	Acres	Per Acre	<u>Production</u> shels	Acres	Per Acre	Acres	Per Acre
Decrlodge	700	500	42	21,000	500	42	0	0
Flathead	22,500	20,000	58	1,166,000	11,500	74	8,500	37
Granite	400	300	43	13,000	200	45	100	40
Lake	13,000	12,000	48	575,000	6,900	57	5,100	35
	0	0	0	0	0,900	0	,	
Lincoln	0	0	0	0	0	0	0	0
Mineral	-		-				-	0
Missoula	2,200	2,000	39	78,000	1,700	40	300	33
Powell	4,500	3,000	51	152,000	2,000	65	1,000	22
Ravalli	5,900	5,500	60	329,000	5,000	63	500	24
Sanders	800	700	30	21,000	200	50	500	22
NORTHWEST	50,000	44,000	54	2,355,000	28,000	64	16,000	34
Blaine	48,000	28,000	20	565,000	3,500	43	24,500	17
Chouteau	229,000	123,000	14	1,720,000	1,500	67	121,500	13
Glacier	75,000	63,000	24	1,540,000	7,300	74	55,700	18
Hill	98,000	73,000	20	1,457,000	1,700	44	71,300	19
Liberty	55,000	42,000	14	597,000	1,500	47	40,500	13
Phillips	41,000	34,000	21	712,000	1,400	50	32,600	20
Pondera	120,000	104,000	26	2,710,000	31,000	40	73,000	20
Teton	99,000	86,000	46	3,980,000	40,900	73	45,100	22
Toole	75,000	62,000	22	1,365,000	1,200	63	60,800	21
NORTH CENTRAL	840,000	615,000	24	14,646,000	90,000	59	525,000	18
Daniels	32,000	20,000	10	195,000	0	0	20,000	10
	38,000	24,000	9		400	35	23,600	9
Dawson		16,000	8	219,000	0			8
Garfield	27,000	16,000		123,000		0	16,000	
McCone	35,000	22,000	7	148,000	0	0	22,000	7
Richland	38,000	20,000	14	278,000	2,000	43	18,000	11
Roosevelt	40,000	21,000	8	173,000	200	55	20,800	8
Sheridan	55,000	37,000	10	384,000	100	50	36,900	10
Valley	56,000	35,000	12	410,000	1,300	38	33,700	11
NORTHEAST	321,000	195,000	10	1,930,000	4,000	41	191,000	9
Broadwater	16,000	14,500	32	466,000	5,300	53	9,200	20
Cascade	67,000	47,000	22	1,024,000	8,000	49	39,000	16
Fergus	99,500	85,000	20	1,700,000	800	38	84,200	20
Golden Valley	5,000	2,500	22	54,000	600	50	1,900	13
Judith Basin	60,000	50,000	19	940,000	1,300	38	48,700	18
Lewis & Clark	10,500	8,500	39	334,000	4,500	53	4,000	24
Meagher	22,000	13,000	17	220,000	1,500	47	11,500	13
Musselshell	8,000	7,000	11	78,000	0	0	7,000	11
Petroleum	3,000	2,000	18	36,000	0	0	2,000	18
	8,000							
Wheatland	299,000	5,500 235,000	19 21	104,000 4,956,000	1,000 23,000	40 49	4,500 21 2,000	14 18
Beaverhead	12,000	8,000	62	495,000	6,700	69	1,300	27
Gallatin	50,000	44,000	43	1,880,000	15,000	59	29,000	34
Jefferson	4,000	2,000	50	99.000	1,800	53	200	20
		6,500	55	357,000	6,000	58	500	24
Madison	8,500							
Silver Bow	500	500	60	30,000	500	60	0	0
SOUTHWEST	75,000	61,000	47	2,861,000	30,000	60	31,000	34
Big Horn	26,000	19,000	36	676,000	8,000	63	11,000	16
Carbon	11,500	9,000	65	582,000	8,500	67	500	24
Park	10,000	7,000	34	241,000	3,400	50	3,600	20
Stillwater	20,000	11,500	15	178,000	600	67	10,900	13
Sweet Grass	5,000	2,500	34	85,000	1,000	60	1,500	17
Treasure	2,500	2,000	65	130,000	2,000	65	0	0
Yellowstone	30,000	24,000	42	1,002,000	12,500	66	11,500	15
SOUTH CENTRAL	105,000	75,000	39	2,894,000	36,000	64	39,000	15
Carter	13,000	2,000	10	20,000	0	0	2,000	10
Custer	17,000	2,500	33	82,000	1,800	41	700	11
Fallon	20,000	5,500	8	43,000	0	0	5,500	8
Powder River	8,000	2,000	8	15,000	0	0	2,000	8
Prairie	16,000	3,000	12	35,000	200	50	2,800	9
Rosebud	25,000	8,000	18	146,500	2,000	48	6,000	
8Wibaux	11,000	2,000	8	16,500	2,000	0	2,000	8
SOUTHEAST	110,000	25,000	14	358,000	4,000	45	21,000	8
	,			·			·	
MONTANA	1,800,000	1,250,000	24	30,000,000	215,000	59	1,035,000	17

OATS: Acreage, Yield, and Production, by Counties and Districts, 1987

COUNTY		ТОТ	ΓAT.		IRRIG	ATFD	NON-IRF	NGATED
&	Planted	Harvested	Yield		Harvested	Yield	Harvested	Yield
DISTRICT	Acres	Acres	Per Acre	Production	Acres	Per Acre	Acres	Per Acre
]	Bushels		Bu		Bu
	•	•	_	^	0	^	^	^
Deer Lodge	0	0	0	0	0	0	0	0
Flathead	1,400	800	69	55,000	300	83	500	60
Granite	200	100	90	9,000	100	90	0	0
Lake	4,000	2,100	69	145,000	1,400	75	700	57
Lincoln	1,000	100	60	6,000	100	60	0	0
Mineral	0	0	0	0	0	0	0	0
Missoula	1,100	300	70	21,000	300	70	0	0
Powell	1,500	900	66	59,000	200	70	700	64
Ravalli	3,000	800	69	55,000	700	71	100	50
Sanders	800	400	75	30,000	400	75	0	0
NORTHWEST	13,000	5,500	69	380,000	3,500	74	2,000	60
Blaine	11,000	3,600	61	219,000	1,100	81	2,500	52
Chouteau	5,500	2,700	55	149,000	200	95	2,500	52
Glacier	4,000	2,200	61	135,000	0	0	2,200	61
Hill	7,400	3,500	47	163,000	100	80	3,400	46
Liberty	2,000	700	50	35,000	0	0	700	50
Phillips	11,000	2,800	63	175,000	800	94	2,000	50
Pondera	1,600	900	67	60,000	0	0	900	67
Teton	2,500	1,300	76	99,000	300	97	1,000	70
	3,000	1,800	72	130,000	0	0	1,800	72
Toole	48,000	19,500	60	1,165,000	2,500	88	17,000	56
NORTH CENTRAL	40,000	19,300	00	1,103,000	2,300	00	17,000	30
Daniels	8,000	2,200	34	75,000	0	0	2,200	34
Dawson	7,900	4,000	50	199,000	200	95	3,800	47
Garfield	8,500	7,000	49	340,000	0	0	7,000	49
			41	278,000	300	77	6,400	40
McCone	14,000	6,700				94		48
Richland	13,500	6,500	57	368,000	1,200		5,300	
Roosevelt	11,500	4,700	47	222,000	200	85	4,500	46
Sheridan	12,600	6,600	38	253,000	100	80	6,500	38
Valley	13,000	4,800	41	195,000	0	0	4,800	41
NORTHEAST	89,000	42,500	45	1,930,000	2,000	90	40,500	43
Broadwater	1,300	800	88	70,000	400	100	400	75
	3,000	1,200	49	59,000	300	63	900	44
Cascade			63		200	70	2,400	63
Fergus	4,600	2,600		164,000				50
Golden Valley	2,800	800	51	41,000	100	60	700	
Judith Basin	5,200	2,900	54	157,000	100	70	2,800	54
Lewis & Clark	2,000	1,000	65	65,000	800	69	200	50
Meagher	2,200	1,600	69	111,000	600	68	1,000	70
Musselshell	3,200	1,600	63	101,000	900	73	700	50
Petroleum	1,200	600	68	41,000	100	60	500	70
Wheatland	2,500	1,400	72	101,000	800	70	600	75
CENTRAL	28,000	14,500	63	910,000	4,300	72	10,200	59
		222		22.222	200	00	0	0
Beaverhead	600	300	93	28,000	300	93	0	0
Gallatin	3,700	1,900	88	167,000	1,200	98	700	71
Jefferson	1,800	1,100	77	85,000	900	79	200	70
Madison	1,700	600	85	51,000	500	90	100	60
Silver Bow	200	100	90	9,000	100	90	0	0
SOUTHWEST	8,000	4,000	85	340,000	3,000	90	1,000	70
Rig Horn	2,400	1,200	57	68,000	200	90	1,000	50
Big Horn								50
Carbon	2,000	1,000	77	77,000	700	89	300	
Park	2,200	1,100	64	70,000	1,000	65	100	50
Stillwater	1,800	800	44	35,000	200	75	600	33
Sweet Grass	3,000	1,600	69	110,000	1,200	75	400	50
Treasure	1,000	500	84	42,000	500	84	0	0
Yellowstone	3,600	1,800	61	110,000	700	79	1,100	50
SOUTH CENTRAL	16,000	8,000	64	512,000	4,500	77	3,500	47
Carter	6,000	2,000	43	85,000	0	0	2,000	43
Custer			62	62,000	400	93	600	42
Custer	3,000	1,000						
Fallon	6,000	4,000	43	170,000	0	0	4,000	43
Powder River	4,600	2,300	43	100,000	0	0	2,300	43
Prairie	3,000	1,500	73	109,000	400	98	1,100	64
Rosebud	5,200	2,500	57	142,000	400	93	2,100	50
Wibaux	5,200	2,700	54	145,000	0	0	2,700	54
SOUTHEAST	33,000	16,000	51	813,000	1,200	94	14,800	47
MONTANA	225 000	110,000	EE	6.050.000	21 000	01	80 000	49
MONTANA	235,000	110,000	55	6,050,000	21,000	81	89,000	49

OATS: Acreage, Yield, and Production, by Counties and Districts, 1988

Part	COUNTY		TO	TAL		IRRIC	SATED	NON-IR	RIGATED
Derriedge			Harvested	Yield		Harvested	Yield	Harvested	Yield
Describedge	DISTRICT	Acres	Acres	Per Acre	Production Sushels	Acres		Aeres	
Flathead					Justicis				Du
Granite 100 100 80 \$,000 100 80 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1						_			
Section 100 100 35 3,500 0 0 0 0 35 3,500 0 0 0 0 35 3,500 0 0 0 0 35 3,500 0 0 0 0 35 3,500 0 0 0 0 35 3,500 0 0 0 0 35 3,500 0 0 0 0 30 33 30 28 34,500 36,000 30 28 34,500 36,000 30 30 28 34,500 3,600 30 30 30 30 30 30 30									
Lincoln									
Missoula 600 300 42 12,500 100 60 200 33 200 201									
Missoula									
Powell			-						
Bavali									
Sanders									
NORTHWEST									
Blaine									
Chouteau 7,300 3,000 26 77,000 200 60 2,800 23 (Glacier 3,000) 1,400 24 33,000 10 0 0 1,400 24 1111. 7,200 2,900 20 74,000 100 70 2,800 24 1111. 7,200 2,900 20 74,000 100 70 2,800 24 1111. 7,200 2,900 20 74,000 100 70 2,800 24 1111. 7,200 1,000 23 6,000 80 64 11,000 33 9,000 10 100 70 1,000 23 1,000 23 1,000 20 1,000 23 1,000 80 64 11,000 23 1,000 10 1,000 23 1,000 10 1,000 23 1,000 20 1,000 23 1,000 10 0 0 0 1,000 23 1,000 10 0 0 0 0 0,000 1,000 23 1,000 10 0 0 0 0 0,000 1,000 23 1,000 10 0 0 0 0 0,000 1,000 23 1,000 10 0 0 0 0 0,000 1,000 10 0 0 0 0	NORTHWIST	0,300	3,300	03	343,000	3,000	81	1,900	29
Chouteau 7,300 3,000 26 77,000 200 60 2,800 23 (Glacier 3,000) 1,400 24 33,000 10 0 0 1,400 24 1111. 7,200 2,900 20 74,000 100 70 2,800 24 1111. 7,200 2,900 20 74,000 100 70 2,800 24 1111. 7,200 2,900 20 74,000 100 70 2,800 24 1111. 7,200 1,000 23 6,000 80 64 11,000 33 9,000 10 100 70 1,000 23 1,000 23 1,000 20 1,000 23 1,000 80 64 11,000 23 1,000 10 1,000 23 1,000 10 1,000 23 1,000 20 1,000 23 1,000 10 0 0 0 1,000 23 1,000 10 0 0 0 0 0,000 1,000 23 1,000 10 0 0 0 0 0,000 1,000 23 1,000 10 0 0 0 0 0,000 1,000 23 1,000 10 0 0 0 0 0,000 1,000 10 0 0 0 0	Blaine	5.300	2.100	55	115.000	1.100	68	1.000	40
Glacier 3,000 1,400 24 33,000 0 0 1,400 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 24 1100 70 2,800 1100 70 2,800 24 1100 70 2,800 1100 70 2,800 1100 70 2,800 1100 70 2,800 1100 70 2,800 1100 70 2,800 1100 70 2,800 1100 70 2,800 110 70 70 2,800 110 70 70 2,800 110 70 70 2,800 110 70 70 70 70 70 70 70 70 70 70 70 70 70	Chouteau							,	
Hill									
Liberty	Hill	7,200	2,900	26	74,000	100	70		
Pondera 2,000 1,000 23 23,000 0 0 1,000 23 1,000 23 1,000 30 50 500 22 1,000 30 64,000 0 0 0 2,100 30 30 64,000 0 0 0 2,100 30 30 64,000 0 0 0 2,100 30 30 30 64,000 0 0 0 2,100 30 30 30 30 30 30 30	Liberty	2,000	500	30	15,000	0	0	500	30
Teolo					68,000	800	45	1,100	29
Toole						-		1,000	23
NORTHI CENTRAL 37,000 15,700 32 495,000 2,500 58 13,200 27						300		500	22
Daniels						-	-		
Dawson	NORTH CENTRAL	37,000	15,700	32	495,000	2,500	58	13,200	27
Dawson	Daniels	6,000	2 000	15	30,000	0	0	2,000	15
Garfield 16,000 7,500 11 82,000 0 0 7,500 11 McCone 15,600 6,000 12 74,000 300 47 5,700 11 Richland 14,400 5,400 26 140,000 1,200 64 4,200 15 Roosevelt 13,300 5,000 12 61,000 200 45 4,800 11 Sheridan 12,300 4,500 16 70,500 100 60 4,400 15 Valley 11,000 3,500 16 75,000 0 0 0 3,500 16 NORTHEAST 99,200 37,400 15 571,500 2,000 58 35,400 13 Broadwater 1,800 1,100 49 53,500 800 59 300 22 Cascade 2,400 1,200 52 62,000 700 71 500 24 Fergus 6,300 3,000 30 91,000 200 65 2,800 28 Golden Valley 1,500 900 32 28,500 300 60 600 18 Judih Basin 3,500 2,000 30 60,000 0 0 2,000 31 Lewis & Clark 1,600 1,100 53 58,000 900 60 200 Mcagher 4,400 2,000 33 66,000 400 65 1,600 25 Mcagher 4,400 2,000 33 66,000 400 65 1,600 25 Mcagher 1,000 600 48 29,000 400 65 2,000 15 Petroleum 1,000 600 48 29,000 400 65 2,000 15 Petroleum 1,000 600 48 29,000 400 65 200 15 Petroleum 1,000 600 48 29,000 1,000 61 100 30 CENTRAL 26,400 14,000 41 570,000 5,500 64 8,500 26 Beaverhead 400 1,000 67 100 35 Jefferson 1,700 1,200 72 86,000 900 51 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Dawson						-		
MCCOne									
Richland									
Roosevelt		,	5,400		,				
Sheridan 12,300 4,500 16 70,500 100 60 4,400 15 20 20 20 20 37,400 15 571,500 2,000 58 35,400 13 35 35,400 13 35 35,400 30 30 30 30 30 30 30				12					
Valley 11,000 3,500 16 55,000 0 0 3,500 16 NORTHEAST 99,200 37,400 15 571,500 2,000 58 35,400 13 Broadwater 1,800 1,100 49 53,500 800 59 300 22 Cascade 2,400 1,200 52 62,000 700 71 500 24 Fergus 6,300 3,000 30 91,000 200 65 2,800 28 Golden Valley 1,500 900 32 28,500 300 60 60 60 18 Judith Basin 3,500 2,000 30 60,000 0 0 2,000 31 Lewis & Clark 11,600 1,100 53 58,000 900 60 2,000 31 Lewis & Clark 11,600 1,100 53 58,000 900 60 200 20 Masyler 4,400 2,000 33 66,000 400 65 1,600 25 Musselshell 2,100 1,000 58 58,000 400 65 1,600 25 Musselshell 3,100 1,000 58 64,000 1,000 61 100 30 CENTIAL 26,400 14,000 41 570,000 5,500 64 8,500 26 Beaverhead 400 300 73 22,000 300 73 0 0 Gallatin 2,200 1,500 65 97,500 1,400 67 100 35 Jefferson 1,700 1,200 72 86,000 1,200 72 0 0 Madison 2,000 900 51 46,000 1,200 72 0 0 Madison 2,000 900 51 46,000 900 51 0 0 Silver Bow 200 100 70 7,000 100 70 0 0 Silver Bow 200 1,000 58 64,000 900 65 10 0 0 Silver Bow 200 1,000 55 105,000 1,000 65 10 0 0 Silver Bow 200 1,000 55 105,000 1,500 67 400 13 Big Horn 2,200 1,000 55 61,000 1,500 67 400 13 Big Horn 2,200 1,000 55 61,000 1,500 67 400 13 Fark 2,000 1,100 58 64,000 900 51 0 0 Silver Bow 200 1,100 58 64,000 900 67 200 20 Sillvater 2,200 1,100 58 64,000 900 67 200 20 Sillvater 2,200 1,100 58 64,000 900 67 200 20 Sillvater 2,200 1,100 58 64,000 900 67 200 20 Sillvater 2,200 1,100 58 64,000 900 67 200 20 Sillvater 2,200 1,100 58 64,000 900 67 200 20 Sillvater 2,200 1,100 58 64,000 900 67 200 20 Sillvater 2,000 1,100 58 64,000 900 67 200 20 Sillvater 2,000 1,100 58 64,000 900 67 200 20 Sillvater 3,000 1,100 58 64,000 900 67 200 20 Sillvater 4,400 1,900 55 105,000 1,000 600 83 300 13 Fark 1,500 900 60 54,000 600 88 100 15 Fassure 1,500 900 60 54,000 600 88 100 15 Fassure 1,500 900 60 54,000 600 88 100 15 Fassure 1,500 900 90 900 900 900 900 900 900 900 9	Sheridan	12,300	4,500	16		100		,	
Broadwater	Valley	11,000	3,500	16	55,000	0	0		16
Cascade 2,400 1,200 52 62,000 700 71 500 24 Fergus 6,300 3,000 30 91,000 200 65 2,800 28 Golden Valley 1,500 900 32 28,500 300 60 600 18 Judith Basin 3,500 2,000 30 60,000 0 0 2,000 31 Lewis & Clark 1,600 1,100 53 58,000 900 60 200 20 Meagher 4,400 2,000 33 66,000 400 65 1,600 25 Petroleum 1,000 600 48 29,000 400 65 200 15 Wheatland 1,800 1,100 58 64,000 1,000 61 100 30 CENTRAL 26,400 14,000 41 570,000 5,500 64 8,500 26 Beaverhead 400 30	NORTHEAST	99,200	37,400	15	571,500	2,000	58	35,400	13
Cascade 2,400 1,200 52 62,000 700 71 500 24 Fergus 6,300 3,000 30 91,000 200 65 2,800 28 Golden Valley 1,500 900 32 28,500 300 60 600 18 Judith Basin 3,500 2,000 30 60,000 0 0 2,000 31 Lewis & Clark 1,600 1,100 53 58,000 900 60 200 20 Meagher 4,400 2,000 33 66,000 400 65 1,600 25 Petroleum 1,000 600 48 29,000 400 65 200 15 Wheatland 1,800 1,100 58 64,000 1,000 61 100 30 CENTRAL 26,400 14,000 41 570,000 5,500 64 8,500 26 Beaverhead 400 30	Broadwator	1 900	1 100	40	E2 E00	900	50	200	22
Fergus									
Golden Valley 1,500 900 32 28,500 300 60 600 18 Judith Basin 3,500 2,000 30 60,000 0 0 0 2,000 31 Lewis & Clark 1,600 1,100 53 58,000 900 60 200 20 Meagher 4,400 2,000 33 66,000 400 65 1,600 25 Musselshell 2,100 1,000 58 58,000 800 69 200 15 Petroleum 1,000 600 48 29,000 400 65 200 15 Wheatland 1,800 1,100 58 64,000 1,000 61 100 30 CENTRAL 26,400 14,000 41 570,000 5,500 64 8,500 26 Beaverhead 400 300 73 22,000 300 73 0 0 Gallatin 2,200 1,500 65 97,500 1,400 67 100 35 Jefferson 1,700 1,200 72 86,000 1,200 72 0 0 0 Madison 2,000 900 51 46,000 900 51 0 0 SOUTHIWEST 6,500 4,000 65 258,500 3,900 65 100 35 Big Horn 2,200 900 26 23,000 100 70 0 0 Carbon 4,400 1,900 55 105,000 1,500 67 400 13 Park 2,000 1,100 58 64,000 900 67 200 20 Stillwater 2,000 1,100 58 64,000 900 67 200 20 Stillwater 2,000 1,100 58 64,000 900 67 200 20 Stillwater 2,000 1,100 58 64,000 900 67 200 20 Stillwater 2,000 1,100 58 64,000 900 67 200 20 Stillwater 2,000 1,100 58 64,000 900 67 200 20 Stillwater 2,000 1,100 58 64,000 900 67 200 20 Stillwater 2,000 1,100 58 64,000 900 67 200 20 Stillwater 2,000 1,100 58 64,000 900 67 200 20 Stillwater 2,000 1,100 58 64,000 900 67 200 20 Stillwater 2,000 1,100 58 64,000 900 67 200 20 Stillwater 2,000 1,100 58 64,000 900 67 200 20 Stillwater 2,000 1,100 58 64,000 900 67 200 20 Stillwater 1,500 900 60 54,000 600 83 300 10 Sweet Grass 2,300 1,100 55 61,000 1,000 78 400 23 SOUTHI CENTRAL 17,000 8,400 51 425,000 5,500 69 2,900 16 Carter 2,000 500 13 6,500 0 0 0 0 0,000 9 Prairie 1,200 400 28 11,000 100 70 70 300 13 Rosebud 1,300 90 9 8,000 0 0 0 0 1,300 9 Prairie 1,200 400 28 11,000 100 70 700 9 SOUTHIEAST 15,600 5,000 25 125,000 1,000 85 4,000 10		,			,				
Judith Basin 3,500 2,000 30 60,000 0 0 2,000 31 Lewis & Clark 1,600 1,100 53 58,000 900 60 200 20 Meagher 4,400 2,000 33 66,000 400 65 1,600 25 Musselshell 2,100 1,000 58 58,000 800 69 200 15 Petroleum 1,000 600 48 29,000 400 65 200 15 Wheatland 1,800 1,100 58 64,000 1,000 61 100 30 CENTRAL 26,400 14,000 41 570,000 5,500 64 8,500 26 Beaverhead 400 300 73 22,000 300 73 0 0 Gallatin 2,200 1,500 65 97,500 1,400 67 100 35 Jefferson 1,700 1,200 72 86,000 1,200 72 0 0 Madison 2,000 900 51 46,000 900 51 0 0 Silver Bow 200 100 70 7,000 100 70 0 0 Silver Bow 200 100 70 7,000 100 70 0 0 Silver Bow 2,200 9,000 65 258,500 3,900 65 100 35 Big Horn 2,200 9,00 26 23,000 1,500 67 400 13 Park 2,000 1,100 58 64,000 900 67 200 20 Silvater 2,000 1,100 58 64,000 900 67 200 20 Silvater 2,000 1,100 58 64,000 900 67 200 20 Silvater 2,000 1,100 58 64,000 900 67 200 20 Silvater 2,000 1,100 58 64,000 900 67 200 20 Silvater 2,000 1,100 58 64,000 900 67 200 20 Silvater 1,500 900 60 54,000 600 88 100 15 Fellowstone 2,600 1,400 62 87,000 1,000 78 400 23 SOUTHI CENTRAL 17,000 700 78 54,500 600 88 100 15 Fallon 2,800 900 9 8,000 0 0 0 900 9 Prairie 1,200 400 28 11,000 100 70 300 13 Roscbud 1,300 500 54 27,000 300 83 200 10 Wibaux 2,200 700 9 6,000 0 0 0 700 9 SOUTHIEAST 15,600 5,000 25 125,000 1,000 85 4,000 10									
Lewis & Clark									
Meagher 4,400 2,000 33 66,000 400 65 1,600 25 Musselshell 2,100 1,000 58 58,000 800 69 200 15 Petroleum 1,000 600 48 29,000 400 65 200 15 Wheatland 1,800 1,100 58 64,000 1,000 61 100 30 CENTRAL 26,400 14,000 41 570,000 5,500 64 8,500 26 Beaverhead 400 300 73 22,000 300 73 0 0 Gallatin 2,200 1,500 65 97,500 1,400 67 100 35 Jefferson 1,700 1,200 72 86,000 1,200 72 0 0 Madison 2,000 900 51 46,000 900 51 0 0 Silver Bow 200 100 <					. *	-			
Musselshell						·			
Petroleum				58					
Wheatland 1,800 1,100 58 64,000 1,000 61 100 30 CENTRAL 26,400 14,000 41 570,000 5,500 64 8,500 26 Beaverhead 400 300 73 22,000 300 73 0 0 Gallatin 2,200 1,500 65 97,500 1,400 67 100 35 Jefferson 1,700 1,200 72 86,000 1,200 72 0 0 Madison 2,000 900 51 46,000 900 51 0 0 Silver Bow 200 100 70 7,000 100 70 0 0 0 SOUTHWEST 6,500 4,000 65 258,500 3,900 65 100 35 Big Horn 2,200 900 26 23,000 100 80 800 19 Carbon 4,400 1,900 <th>Petroleum</th> <th>1,000</th> <th>600</th> <th>48</th> <th></th> <th>400</th> <th></th> <th></th> <th></th>	Petroleum	1,000	600	48		400			
Beaverhead	Wheatland	1,800	1,100	58	64,000	1,000	61		
Gallatin 2,200 1,500 65 97,500 1,400 67 100 35 Jefferson 1,700 1,200 72 86,000 1,200 72 0 0 Madison 2,000 900 51 46,000 900 51 0 0 Silver Bow 200 100 70 7,000 100 70 0 0 SOUTHWEST 6,500 4,000 65 258,500 3,900 65 100 35 Big Horn 2,200 900 26 23,000 100 80 800 19 Carbon 4,400 1,900 55 105,000 1,500 67 400 13 Park 2,000 1,100 58 64,000 900 67 200 20 Sweet Grass 2,300 1,100 55 61,000 1,100 55 0 0 Treasure 1,500 90 60	CENTRAL	26,400	14,000	41	570,000	5,500	64	8,500	26
Gallatin 2,200 1,500 65 97,500 1,400 67 100 35 Jefferson 1,700 1,200 72 86,000 1,200 72 0 0 Madison 2,000 900 51 46,000 900 51 0 0 Silver Bow 200 100 70 7,000 100 70 0 0 SOUTHWEST 6,500 4,000 65 258,500 3,900 65 100 35 Big Horn 2,200 900 26 23,000 100 80 800 19 Carbon 4,400 1,900 55 105,000 1,500 67 400 13 Park 2,000 1,100 58 64,000 900 67 200 20 Sweet Grass 2,300 1,100 55 61,000 1,100 55 0 0 Treasure 1,500 90 60	Reaverhead	400	300	72	22 000	200	72	^	^
Jefferson								_	
Madison 2,000 900 51 46,000 900 51 0 0 Silver Bow 200 100 70 7,000 100 70 0 0 SOUTHIWEST 6,500 4,000 65 258,500 3,900 65 100 35 Big Horn 2,200 900 26 23,000 100 80 800 19 Carbon 4,400 1,900 55 105,000 1,500 67 400 13 Park 2,000 1,100 58 64,000 900 67 200 20 Stillwater 2,000 1,100 28 31,000 300 77 800 10 Sweet Grass 2,300 1,100 55 61,000 1,100 55 0 0 Treasure 1,500 900 60 54,000 600 83 300 13 Yellowstone 2,600 1,400 62 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>									
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Carbon 4,400 1,900 55 105,000 1,500 67 400 13 Park 2,000 1,100 58 64,000 900 67 200 20 Suilwater 2,000 1,100 28 31,000 300 77 800 10 Sweet Grass 2,300 1,100 55 61,000 1,100 55 0 0 Treasure 1,500 900 60 54,000 600 83 300 13 Yellowstone 2,600 1,400 62 87,000 1,000 78 400 23 SOUTH CENTRAL 17,000 8,400 51 425,000 5,500 69 2,900 16 Carter 2,000 500 13 6,500 0 0 500 13 Custer 1,700 700 78 54,500 600 88 100 15 Fallon 2,800 90 9		6,500	4,000	65				100	35
Carbon 4,400 1,900 55 105,000 1,500 67 400 13 Park 2,000 1,100 58 64,000 900 67 200 20 Suilwater 2,000 1,100 28 31,000 300 77 800 10 Sweet Grass 2,300 1,100 55 61,000 1,100 55 0 0 Treasure 1,500 900 60 54,000 600 83 300 13 Yellowstone 2,600 1,400 62 87,000 1,000 78 400 23 SOUTH CENTRAL 17,000 8,400 51 425,000 5,500 69 2,900 16 Carter 2,000 500 13 6,500 0 0 500 13 Custer 1,700 700 78 54,500 600 88 100 15 Fallon 2,800 90 9	Die Hous		000	01			0.0		
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Treasure 1,500 900 60 54,000 600 83 300 13 Yellowstone 2,600 1,400 62 87,000 1,000 78 400 23 SOUTH CENTRAL 17,000 8,400 51 425,000 5,500 69 2,900 16 Carter 2,000 500 13 6,500 0 0 500 13 Custer 1,700 700 78 54,500 600 88 100 15 Fallon 2,800 900 9 8,000 0 0 900 9 Powder River 4,400 1,300 9 12,000 0 0 1,300 9 Prairie 1,200 400 28 11,000 100 70 300 13 Rosebud 1,300 500 54 27,000 300 83 200 10 Wibaux 2,200 700 9									
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SOUTH CENTRAL 17,000 8,400 51 425,000 5,500 69 2,900 16 Carter 2,000 500 13 6,500 0 0 500 13 Custer 1,700 700 78 54,500 600 88 100 15 Fallon 2,800 900 9 8,000 0 0 900 9 Powder River 4,400 1,300 9 12,000 0 0 0 1,300 9 Prairie 1,200 400 28 11,000 100 70 300 13 Rosebud 1,300 500 54 27,000 300 83 200 10 Wibaux 2,200 700 9 6,000 0 0 700 9 SOUTHIEAST 15,600 5,000 25 125,000 1,000 85 4,000 10									
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Fallon 2,800 900 9 8,000 0 0 900 9 Powder River 4,400 1,300 9 12,000 0 0 0 1,300 9 Prairie 1,200 400 28 11,000 100 70 300 13 Rosebud 1,300 500 54 27,000 300 83 200 10 Wibaux 2,200 700 9 6,000 0 0 700 9 SOUTHIEAST 15,600 5,000 25 125,000 1,000 85 4,000 10	Carter								
Powder River 4,400 1,300 9 12,000 0 0 1,300 9 Prairie 1,200 400 28 11,000 100 70 300 13 Rosebud 1,300 500 54 27,000 300 83 200 10 Wibaux 2,200 700 9 6,000 0 0 700 9 SOUTHFAST 15,600 5,000 25 125,000 1,000 85 4,000 10									
Prairie 1,200 400 28 11,000 100 70 300 13 Rosebud 1,300 500 54 27,000 300 83 200 10 Wibaux 2,200 700 9 6,000 0 0 700 9 SOUTHEAST 15,600 5,000 25 125,000 1,000 85 4,000 10	Pouder Dive-								
Rosebud 1,300 500 54 27,000 300 83 200 10 Wibaux 2,200 700 9 6,000 0 0 0 700 9 SOUTHEAST 15,600 5,000 25 125,000 1,000 85 4,000 10									
Wibaux 2,200 700 9 6,000 0 0 700 9 SOUTHEAST 15,600 5,000 25 125,000 1,000 85 4,000 10									
SOUTHEAST 15,600 5,000 25 125,000 1,000 85 4,000 10									
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MONTANA						2,000	~	1,000	10
	MONTANA	210,000	90,000	31	2,790,000	24,000	68	66,000	18

CORN: Acreage, Utilization, and Yield By Counties, Irrigated and Non-Irrigated, 1987

		ACRES		HARVESTED FOR SILAGE			
COUNTY				Irriga		Non-Irr	
& DISTRICT	Total Planted	Harvested For <u>Grain</u>	Harvested For Silage	Harvested <u>Acres</u>	Yield Per Acre	Harvested <u>Acres</u>	Yield Per Acre
DISTRICT	Flainteu	ror Gram	1 of Blidge	reres	-Ton-	ricres	-Ton-
Flathead	100	0	100	100	15	0	0
Lake	600 100	0	600 100	600 100	19 15	0	0
Missoula	300	0	300	300	19	0	0
Sanders	100	0	100	100	15	0	0
NORTHWEST	1,200	0	1,200	1,200	18	0	0
Blaine	1,100	300 0	800 100	800 100	16 16	0	0
Chouteau Hill	100 200	0	200	200	14	0	0
Liberty	100	0	100	100	14	0	0
Phillips	600	0	600	600	17	0	0
Pondera NORTH CENTRAL	100 2,200	0 300	100 1,900	100 1, 900	16 16	0	0 0
		-		·			
Dawson	3,600 1,000	800 0	2,700 1,000	2,100 1,000	20 20	600 0	8
McCone	500	Ö	500	200	17	300	8
Richland	8,300	1,000	7,000	6,300	19	700	8
Roosevelt	2,500 100	100 0	2,300 100	1,500 100	18 18	800 0	9
Valley	1,600	100	1,500	1,100	18	400	6
NORTHEAST	17,600	2,000	15,100	12,300	19	2,800	8
Broadwater	100	0	100	100	18	0	0
Cascade	200	0	200 100	200	16 0	0 100	0 8
Fergus	100 200	0	200	200	17	0	0
Judith Basin	100	0	100	100	17	0	0
Musselshell	700	0 0	700 1,400	700	19 18	0 1 00	0 8
CENTRAL	1,400	U	,	1,300			
Gallatin	100 1 00	0	100 1 00	100 1 00	14 14	0	0
							8
Big Horn	4,500 8,300	1,200 1,000	3,300 7,300	3,100 7,300	20 19	200 0	0
Stillwater	2,400	100	2,200	2,200	18	0	0
Treasure	5,800	2,300	3,500	3,500	19	0	0
Yellowstone SOUTH CENTRAL	18,000 39,000	1,900 6,500	16,000 32,300	15,800 31,900	19 19	200 4 00	8 8
	·	_					
Carter	200 6,600	0 2,700	200 3,800	200 3,800	18 18	0	0 0
Fallon	1,000	2,700	900	600	15	300	8
Powder River	100	0	100	100	17	0	0
Prairie	3,900	900	2,900	2,900 3,100	18 19	0	0
Rosebud	5,700 1,000	2,600 0	3,100 1,000	600	16	400	8
SOUTHEAST	18,500	6,200	12,000	11,300	18	700	8
MONTANA	80,000	15,000	64,000	60,000	19	4,000	8

CORN: Acreage, Utilization, and Yield By Counties, Irrigated and Non-Irrigated, 1988

		ACRES		HARVESTED FOR SILAGE			
COUNTY				Irriga		Non-Irr	rigated
&	Total	Harvested	Harvested	Harvested	Yield	Harvested	Yield
DISTRICT	Planted	For_Grain	For Silage	Acres	Per Acre	Acres	Per Acre
				-100	-Ton-	310100	-Ton-
Flathead	100	0	100	100	23	0	0
Lake	400	0	400	400	21	0	0
Missoula	100	0	100	100	22	0	0
Ravalli	300	0	300	300	23	0	0
Sanders	0	0	0	0	0	0	0
NORTHWEST	900	0	900	900	22	0	0
Blaine	1,100	300	600	400	17	200	5
Chouteau	100	0	100	100	17	0	0
Hill	200	0	200	200	17	0	0
Liberty	0	0	0	0	0	0	0
Phillips	300	0	300	300	17	0	0
Pondera	0	0	0	0	0	0	0
NORTH CENTRAL	1,700	300	1,200	1,000	17	200	5
Dawson	4,000	400	3,400	3,100	18	300	5
Garfield	800	0	800	800	20	0	0
McCone	400	0	300	300	20	0	0
Richland	10,700	1,000	9,300	9,300	21	0	0
Roosevelt	2,500	0	2,300	2,300	21	0	0
Sheridan	100	0	100	100	20	0	
		-				•	0
Valley	1,500	0	1,400	1,400	16	0	0
NORTHEAST	20,000	1,400	17,600	17,300	20	300	5
Broadwater	0	0	0	0	0	0	0
Cascade	200	0	200	200	16	0	0
Fergus	100	0	100	100	20	0	0
Golden Valley	100	0	100	100	20	0	0
Judith Basin	0	0	0	0	0	0	0
Musselshell	800	0	800	800	18	0	0
CENTRAL	1,200	0	1,200	1,200	18	0	0
Callatin	100	0	100	100	1.0	0	0
Gallatin	100	0	100	100	16	0	0
SOUTHWEST	100	0	100	100	16	0	0
Big Horn	4,700	3,000	1,500	1,500	22	0	0
Carbon	10,800	3,000	7,500	7,500	19	0	0
Stillwater	3,200	200	2,900	2,900	21	0	0
Treasure	5,600	2,000	3,500	3,500	20	0	0
Yellowstone	19,700	2,700	16,700	16,700	20	0	0
SOUTH CENTRAL	44,000	10,900	32,100	32,100	20	0	Ō
Cartar	200	0	200	200	17	0	0
Carter	200	0	200	200	17	0	0
Custer	7,100	2,300	4,700	4,700	16	0	0
Fallon	600	0	400	400	18	0	0
Powder River	100	0	100	100	18	0	0
Prairie	6,500	900	5,400	5,400	15	0	0
Rosebud	6,100	4,200	1,700	1,700	18	0	0
Wibaux	1,500	0	1,400	1,400	17	0	0
SOUTHEAST	22,100	7,400	13,900	13,900	16	0	0
MONTANA	90,000	20,000	67,000	66,500	19	500	5

CORN FOR GRAIN: Acreage, Yield, and Production, By Counties, Principally Irrigated, 1987-1988

COUNTY & DISTRICT	Harvested Acres	1987 Yield <u>Per Acre</u> Bus	Production shels	Harvested Acres	1988 Yield <u>Per Acre</u> Bus	Production hels
Blaine	300	101	30,300	300	71	21,300
	300	101	30,300	300	7 1	21,300
Dawson	800	111	88,800	400	115	46,000
	1,000	109	109,000	1,000	108	108,000
	100	101	10,100	0	0	0
	100	101	10,100	0	0	0
	2,000	109	218,000	1,400	110	1 54,000
Big Horn	1,200	102	122,400	3,000	103	309,000
	1,000	104	104,000	3,000	106	318,100
	100	101	10,100	200	100	20,000
	2,300	104	239,200	2,000	118	236,000
	1,900	102	193,800	2,700	105	283,500
	6, 500	103	669,500	1 0,900	107	1,166,600
Custer Prairie	2,700	108	291,600	2,300	116	266,700
	900	100	90,000	900	102	91,800
	2,600	106	275,600	4,200	119	499,600
	6,200	106	657,200	7,400	116	858,100
MONTANA	15,000	105	1,575,000	20,000	110	2,200,000

POTATOES: Acreage, Yield, and Production, By Counties, Principally Irrigated, 1987-1988

COUNTY								
& DISTRICT	Planted <u>Acres</u>	Harvested <u>Acres</u>	Yield Per Acre Cwi	Production	Planted <u>Acres</u>	Harvested Acres	Yield Per Acre Cv	Production
Deer Lodge & Powell Flathead Lake Missoula Ravalli NORTHWEST	1,040 1,040 1,950 30 60 4,120	1,020 1,030 1,930 30 60 4,070	275 320 307 240 250 301	280,400 329,600 592,800 7,200 15,000 1,225,000	710 1,000 1,970 150 50 3,880	700 990 1,960 150 50 3,850	265 260 280 300 220 272	185,500 257,400 548,800 45,000 11,000 1,047,700
NORTH CENTRAL	150	150	220	33,000	70	70	220	15,400
NORTHEAST	150	150	230	34,500	60	60	230	13,800
Broadwater Other Counties CENTRAL	200 150 350	200 150 350	315 200 266	63,000 30,000 93,000	240 50 290	230 50 280	305 160 279	70,150 8,000 78,150
Beaverhead Gallatin	320 2,580 210 3,110	310 2,560 200 3,070	270 320 280 312	83,700 819,400 56,000 959,100	300 2,900 210 3,410	290 2,850 210 3,3 50	270 300 250 294	78,300 855,000 52,500 985,800
SOUTH CENTRAL .	60	60	240	14,400	50	50	175	8,750
SOUTHEAST	60	50	220	11,000	40	40	160	6,400
MONTANA	8,000	7,900	300	2,370,000	7,800	7,700	280	2,156,000

SUGAR BEETS: Acreage, Yield, and Production, By Counties. All Irrigated, 1987-1988

COUNTY		1987				1988			
&	Planted	Harveste	d Yield		Planted	Harvested	Yield		
DISTRICT	Acres	<u>Acres</u>	Per Acre	Production	Acres	Acres	Per Acre	Production	
				Tons				Tons	
Davison	2.450	2.440	22.7	01.400	2.260	2 200	10.0	(0.700	
Dawson	3,450	3,440	23.7	81,400	3,260	3,200	19.0	60,700	
Richland	14,970	14,900	25.7	382,300	14,730	14,560	21.6	315,000	
Roosevelt	630	620	15.8	9,800	630	420	17.4	7,300	
Sheridan	130	130	16.2	2,100	130	80	15.0	1,200	
NORTHEAST	19,180	19,090	24.9	475,600	18,750	18,260	21.0	384,200	
Big Horn	6,330	6,300	21.8	137,100	6,460	6,450	22.9	148,000	
Carbon	7,200	7,170	18.7	134,200	7,260	7,190	17.9	128,600	
Stillwater	850	850	18.1	15,400	680	680	18.1	12,300	
Treasure	2,970	2,940	23.6	69,400	3,790	3,790	24.4	92,400	
Yellowstone	8,540	8,430	19.0	160,500	8,680	8,630	21.2	182,600	
SOUTH CENTRAL	25,890	25,690	20.1	516,600	26,870	26,740	21.1	563,900	
Custer	90	90	25.6	2,300	120	120	22.5	2,700	
Prairie	2,160	2,150	22.5	48,300	2,320	2,240	19.1	42,700	
Rosebud	1,880	1,880	23.0	43,200	1,540	1,540	25.0	38,500	
SOUTHEAST	4,130	4,120	22.8	93,800	3,980	3,900	21.5	83,900	
MONTANA	49,200	48,900	22.2	1,086,000	49,600	48,900	21.1	1,032,000	

DRY BEANS: Acreage, Yield, and Production By Counties, All Irrigated, 1987-1988

COUNTY		19	87		1988			
&	Planted	Harvested	Yield		Planted	Harvested	Yield	
DISTRICT	Acres	Acres	Per Acre	Production	Acres	Acres	Per Acre	Production
			Lbs	Cwt			Lbs	Cwt
Daywoon	1 100	1 000	2 200	22.000	1 000	1 100	1 000	00.000
Dawson	1,100	1,000	2,200	22,000	1,200	1,100	1,800	20,000
Richland	2,500	2,400	2,300	55,000	1,200	1,000	1,900	19,000
NORTHEAST	3,500	3,400	2,300	77,000	2,400	2,100	1,900	39,000
Carbon	1,200	1,200	2,000	24,000	1,100	1,000	2,000	20,000
Stillwater	100	100	2,000	2,000	100	100	1,800	1,800
Treasure	100	100	2,200	2,200	100	100	1,900	1,900
Yellowstone	400	400	2,300	9,000	200	200	1,900	3,800
SOUTH CENTRAL	1,800	1,800	2,100	37,200	1,500	1,400	2,000	27,500
Custer	300	300	2,200	6,500	300	300	2,000	5,900
Prairie	100	100	2,100	2,100	100	100	1,800	1,800
Rosebud	100	100	2,200	2,200	100	100	1,800	1,800
SOUTHEAST	500	500	2,200	10,800	500	500	1,900	9,500
MONTANA	5,800	5,700	2,190	125,000	4,400	4.000	1.900	76,000

ALL HAY: Acreage, Yield, and Production by Counties and Districts, 1987

COLUMN		TOTAL		1001/	CATED	NON IDI	DIC ATED
COUNTY	Harvested	TOTAL Yield		Harvested	GATED Yield	Harvested	RIGATED Yield
& DISTRICT	Acres	Per Acre	Production	Acres	Per Acre	Acres	Per Acre
			-Tons		-Tons-		-Tons-
		0.5	06.000	10.000	0.5	500	2.0
Deer Lodge	10,500	2.5	26,000	10,000	2.5	500	2.0 2.0
Flathead	32,000	2.5	80,000	17,000	3.0	15,000	1.5
Granite	25,500	2.2	56,500	24,000	2.3	1,500	1.3
Lake	56,000	2.1	120,000	39,000	2.5	17,000	1.5
Lincoln	11,000	2.2	24,000	7,000	2.6 2.8	4,000	1.6
Mineral	4,000	2.4	9,500	2,500	2.7	1,500 5,000	1.9
Missoula	26,000	2.6 2.2	66,500	21,000 46,000	2.3	3,000	1.3
Powell	49,000		109,000 92,000	32,000	2.8	1,000	2.0
Ravalli	33,000	2.8 1.8	51,500	15,500	2.5	12,500	1.0
Sanders	28,000 275,000	2.3	635,000	214,000	2.5	61,000	1.5
NORTHWEST	273,000	2.5	055,000	217,000	2.0	01,000	1.0
Blaine	41,000	2.1	85,000	24,500	2.7	16,500	1.1
Chouteau	33,000	1.8	59,000	15,500	2.5	17,500	1.1
Glacier	22,000	2.0	43,000	10,000	2.7	12,000	1.3
Hill	23,000	1.8	41,000	6,000	2.9	17,000	1.4
Liberty	9,000	1.4	12,500	1,800	2.8	7,200	1.0
Phillips	74,000	1.6	120,000	45,500	1.8	28,500	1.4
Pondera	25,000	2.3	57,000	12,000	3.3	13,000	1.3
Teton	48,000	2.7	128,500	32,200	3.4	15,800	1.1
Toole	15,000	1.3	19,000	2,500	2.8	12,500	1.0
NORTH CENTRAL	290,000	1.9	565,000	150,000	2.6	140,000	1.2
						0.4.000	
Daniels	25,000	1.1	28,500	1,000	4.0	24,000	1.0
Dawson	42,500	1.4	61,000	8,500	2.8	34,000	1.1
Garfield	29,500	1.6	46,500	6,000	2.8	23,500	1.3
McCone	64,500	1.4	93,500	7,000	2.4	57,500	1.3
Richland	50,500	1.6	81,500	11,500	3.5	39,000	1.1
Roosevelt	39,000	1.5	58,500	8,500	2.8	30,500	1.1
Sheridan	33,000	1.2	41,000	3,000	2.7	30,000	1.1 1.2
Valley	59,000	1.9	109,500	24,500	2.8	34,500	1.2
NORTHEAST	343,000	1.5	520,000	70,000	2.9	273,000	1.4
Brandwater	24,000	3.2	76,000	21,000	3.4	3,000	1.3
Broadwater		1.4	86,000	18,000	2.3	43,000	1.0
Cascade	61,000 100,000	1.5	145,000	21,000	2.0	79,000	1.3
Fergus	13,000	1.5	20,000	7,000	2.0	6,000	1.0
Golden Valley Judith Basin	49,000	1.5	73,000	11,500	2.3	37,500	1.3
Lewis & Clark	39,000	2.3	91,000	26,000	2.8	13,000	1.4
Meagher	33,000	1.9	61,500	25,000	2.1	8,000	1.2
Musselshell	23,000	1.7	39,000	9,000	2.8	14,000	1.0
Petroleum	16,000	2.1	33,500	10,700	2.6	5,300	1.1
Wheatland	17,000	2.0	34,000	15,800	2.1	1,200	1.1
CENTRAL	375,000	1.8	659,000	165,000	2.5	210,000	1.2
	,		•	·			
Beaverhead	123,000	2.2	271,000	119,700	2.2	3,300	1.3
Gallatin	62,500	2.5	157,500	42,500	3.0	20,000	1.5
Jefferson	23,000	2.6	60,500	20,700	2.8	2,300	1.3
Madison	91,500	2.9	261,000	80,700	3.1	10,800	1.3
Silver Bow	7,000	2.6	18,000	6,400	2.7	600	1.0
SOUTHWEST	307,000	2.5	768,000	270,000	2.7	37,000	1.4
D*- 11	65.000	1.0	110.000	21.000	2.5	44.000	1.0
Big Horn	65,000	1.8	118,000	21,000	3.5	44,000 19,000	1.0 1.0
Carbon	51,000	2.3	115,500	32,000	3.0		1.0
Park	55,000	2.4	132,500	48,000	2.6	7,000	0.8
Stillwater	57,000	1.4	77,500	18,000	2.7 2.8	39,000 18,000	1.0
Sweet Grass	45,000	2.1	93,500	27,000	3.3	4,000	0.9
Treasure	12,000	2.5	29,500 98,500	8,000 21,000	3.4	24,000	1.1
Yellowstone	45,000 330 ,000	2.2 2.0	665,000	175,000	2.9	155,000	1.0
WOIII CHAIRME	330,000	2.0	VVV)	175,000	20.7	200,000	
Carter	53,000	1.2	62,000	8,000	2.3	45,000	1.0
Custer	38,000	1.8	69,500	18,000	2.7	20,000	1.0
Fallon	53,000	1.1	56,000	4,500	2.2	48,500	0.9
Powder River	53,000	1.2	65,500	12,000	2.1	41,000	1.0
Prairie	22,000	1.5	32,500	5,000	2.8	17,000	1.1
Rosebud	42,000	2.1	88,500	27,000	2.7	15,000	1.0
Wibaux	19,000	1.3	24,000	1,500	2.7	17,500	1.1
SOUTHEAST	280,000	1.4	398,000	76,000	2.6	204,000	1.0
	0.000.000		4.010.011	1 100 000	0.5	1.000.000	1.1
MONTANA	2,200,000	1.9	4,210,000	1,12 0,000	2.7	1,080,000	1.1

ALL HAY: Acreage, Yield, and Production by Counties and Districts, 1988

COUNTY		TOTAL		[RRI	GATED	NON-IR	RIGATED
8c	Harvested	Yield		Harvested	Yield	Harvested	Yield
DISTRICT	Acres	Per Acre	Production	Acres	Per Acre	Acres	Per Acre
			Tons		-Tons-		-Tons-
Deerlodge	9,000	1.9	17,000	9,000	1.9	0	0.0
Flathead	31,000	2.1	64,500	18,000	2.6	13,000	1.3
Granite	30,000	1.6	48,500	29,000	1.6	1,000	1.0
	61,000	2.3	140,200	50,000	2.5	11,000	1.5
Lake	12,000	1.8	22,000	8,500	2.2	3,500	0.9
Mineral	3,500	1.2	4,300	1,500	1.9	2,000	0.8
Missoula	21,500	2.2	47,500	20,000	2.3	1,500	1.0
Powell	48,000	1.5	74,000	44,000	1.6	4,000	0.6
	42,000	2.4	101,500	40,000	2.5	2,000	1.3
Ravalli	32,000	1.5	48,000	20,000	2.1	12,000	0.6
NORTHWEST	290,000	2.0	567,500	240,000	2.1	50,000	1.1
	_,,,,,,,		,			,	
Blaine	24,000	1.3	31,000	16,000	1.8	8,000	0.4
Chouteau	19,500	1.0	19,500	10,500	1.6	9,000	0.3
Glacier	19,000	1.1	20,500	10,000	1.6	9,000	0.5
Hill	12,000	1.0	11,500	5,500	1.7	6,500	0.3
Liberty	3,500	1.1	3,700	1,300	1.8	2,200	0.6
Phillips	48,000	1.2	57,500	29,000	1.8	19,000	0.3
Pondera	18,000	1.9	33,600	13,000	2.4	5,000	0.6
Teton	34,000	1.8	61,900	27,500	2.2	6,500	0.3
Toole	7,000	0.8	5,800	2,200	2.0	4,800	0.3
NORTH CENTRAL	185,000	1.3	245,000	115,000	1.9	70,000	0.4
Daniels	16,000	0.5	8,000	1,500	2.0	14,500	0.3
Dawson	25,000	0.9	22,500	7,500	2.0	17,500	0.4
Garfield	16,500	0.8	13,000	6,000	1.6	10,500	0.3
McCone	26,500	0.7	19,000	6,000	1.7	20,500	0.4
Richland	28,000	1.1	31,000	11,500	2.2	16,500	0.4
Roosevelt	33,000	0.8	25,000	8,500	1.9	24,500	0.4
Sheridan	27,000	0.7	19,000	4,000	2.1	23,000	0.5
Valley	53,000	1.3	71,500	35,000	1.8	18,000	0.5
NORTHEAST	225,000	0.9	209,000	80,000	1.9	145,000	0.4
							1.0
Broadwater	22,000	2.3	51,600	20,900	2.4	1,100	1.0
Cascade	42,000	0.9	39,500	11,000	2.2	31,000	0.5
Fergus	91,000	0.9	81,000	17,500	1.9	73,500	0.6
Golden Valley	10,000	1.5	14,800	6,000	2.0	4,000	0.7
Judith Basin	42,000	0.8	34,000	6,000	1.8	36,000	0.6
Lewis & Clark	33,000	1.7	56,000	23,000	2.1	10,000	0.8 0.6
Meagher	35,000	1.4	48,500	28,000	1.6 2.0	7,000	0.6
Musselshell	16,000	1.3	21,000	8,000	2.2	8,000	0.6
Petroleum	11,000	1.6	17,500	6,700		4,300	1.0
Wheatland	13,000	2.0	26,100	11,900	2.1 2.0	1,100 1 76,000	0.6
CENTRAL	315,000	1.2	390,000	139,000	2.0	170,000	0.0
Beaverhead	145,000	2.0	287,000	142,000	2.0	3,000	0.7
Gallatin	72,000	2.4	173,500	58,000	2.8	14,000	1.0
Jefferson	27,000	2.1	58,000	26,000	2.2	1,000	1.0
Madison	99,000	2.2	221,000	96,000	2.3	3,000	0.7
Silver Bow	7,000	2.0	14,000	7,000	2.0	0	0.0
SOUTHWEST	350,000	2.2	753,500	329,000	2.2	21,000	0.9
Dia Horn	E6 000	1.4	77 200	10 500	2.6	37.500	0.8
Big Hom	56,000	1.4 1.8	77,300 89,100	18,500 35,600	2.3	14,400	0.6
Carbon	50,000	1.7	99,200	51,000	1.9	6,000	0.5
Park	57,000			20,000	2.1	29,000	0.5
Stillwater	49,000	1.1	55,000 70,500	35,000	1.9	9,000	0.5
Sweet Grass	44,000 11,000	1.6 2.0	22,100	7,900	2.5	3,100	0.7
Treasure Yellowstone	43,000	1.7	73,800	23,000	2.7	20,000	0.6
SOUTH CENTRAL	310,000	1.6	487,000	191,000	2.2	119,000	0.6
Carter	19,000	0.6	11,900	4,500	1.6	14,500	0.3
Custer	19,000	1.6	31,000	12,000	2.4	7,000	0.3
Fallon	16,000	0.7	10,900	3,500	2.1	12,500	0.3
Powder River	17,000	1.0	17,000	7,500	1.9	9,500	0.3
Prairie	13,000	1.2	15,600	6,000	2.3	7,000	0.2
Rosebud	33,000	1.4	47,600	21,000	1.9	12,000	0.6
Wibaux	8,000	0.5	4,000	1,500	1.8	6,500	0.2
SOUTHEAST	125,000	1.1	138,000	56,000	2.1	69,000	0.3
MONTANA	1,800,000	1.6	2,790,000	1,150,000	2.1	650,000	0.6

ALFALFA HAY: Acreage, Yield, and Production by Counties and Districts, 1987

COUNTY		TOTAL		IRRI	GATED	NON-IRI	RIGATED
& District	Harvested	Yield	Production	Harvested	Yield	Harvested	Yield
DISTRICT	Acres	Per Acre	Tons	Acres	Per Acre -Tons-	Acres	Per Acre -Tons-
Door Lodge	6 000	2.0	10.000	F F00	2.1	500	2.0
Deer Lodge	6,000 23,000	3.0 2.8	18,000 65,000	5,500 13,000	3.1 3.5	500 10,000	2.0 2.0
Granite	9,500	2.8	27,000	9,000	2.9	500	2.0
Lake	44,000	2.3	100,000	30,000	2.8	14,000	1.2
Lincoln	7,000	2.4	17,000	5,000	2.8	2,000	1.5
Mineral	2,500	2.8	7,000	2,000	3.0	500	2.0
Missoula	17,000	2.9	49,000	13,000	3.2	4,000	2.0
Powell	22,000	2.6	57,000	20,000	2.8	2,000	1.0
Ravalli	21,000	3.2	67,000	20,000	3.3	1,000	2.0
NORTHWEST	23,000 175,000	1.9 2.6	43,000 450.000	12,500 130, 000	2.6 3.0	10,500 45,000	1.0 1.4
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Blaine	26,000	2.4	63,000	17,000	3.2	9,000	1.0
Chouteau	19,000 12,000	2.1 2.3	40,000	10,000	3.0	9,000	1.1
Glacier	7,000	2.3	28,000 17,000	5,000 3,500	3.6 3.7	7,000 3,500	1.4 1.1
Liberty	3,000	1.7	5,000	1,000	3.0	2,000	1.0
Phillips	30,000	2.1	63,000	19,500	2.5	10,500	1.4
Pondera	20,000	2.5	50,000	11,000	3.5	9,000	1.3
Teton	36,000	3.0	108,000	26,000	3.7	10,000	1.3
Toole	7,000	1.6	11,000	2,000	3.0	5,000	1.0
NORTH CENTRAL	160,000	2.4	385,000	95,000	3.2	65,000	1.2
Daniels	5,000	1.6	8,000	1,000	4.0	4,000	1.0
Dawson	11,500	2.0	23,000	4,000	3.5	7,500	1.2
Garfield	8,500	1.9	16,000	3,000	3.0	5,500	1.3
McCone	5,500	2.2	12,000	3,000	3.0	2,500	1.2
Richland	22,500	2.2	49,000	8,500	3.9	14,000	1.1
Roosevelt	11,000 9,000	2.2 1.6	24,000 14,000	4,000 2,000	3.8 3.0	7,000 7,000	1.3 1.1
Valley	25,000	2.6	64,000	14,500	3.4	10,500	1.3
NORTHEAST	98,000	2.1	210,000	40,000	3.5	58,000	1.2
Broadwater	20,000	3.4	68,000	17,000	3.8	3.000	1.3
Cascade	50,000	1.3	66,000	13,000	2.2	3,000 37,000	1.0
Fergus	84,000	1.4	120,000	14,000	2.2	70,000	1.3
Golden Valley	7,000	1.7	12,000	4,000	2.3	3,000	1.0
Judith Basin	39,000	1.5	59,000	9,000	2.4	30,000	1.2
Lewis & Clark	29,000	2.4	71,000	20,000	3.0	9,000	1.2
Meagher	14,000	2.3	32,000	10,000	2.8	4,000	1.0
Musselshell	10,000	2.5	25,000	7,000	3.1	3,000	1.0
Petroleum	10,000 12,000	2.6 2.1	26,000 25,000	10,000 11,000	2.6 2.2	0 1,000	0.0 1.0
CENTRAL	275,000	1.8	504,000	115,000	2.7	160,000	1.2
Bassashaad	47.000	2.2	157.000	44.000	2.5	2.000	1.0
Beaverhead	47,000 45,000	3.3 2.7	157,000 123,000	44,000 29,000	3.5 3.4	3,000 16,000	1.3 1.5
Jefferson	14,000	3.0	42,500	12.000	3.3	2,000	1.3
Madison	66,500	3.1	209,000	56,000	3.5	10,500	1.3
Silver Bow	4,500	3.0	13,500	4,000	3.3	500	1.0
SOUTHWEST	177,000	3.1	545,000	145,000	3.4	32,000	1.4
Big Horn	54,000	1.9	102,000	18,000	3.8	36,000	0.9
Carbon	39,000	2.3	89,000	21,000	3.4	18,000	0.9
Park	38,000	2.6	99,500	33,000	2.8	5,000	1.1
Stillwater	40,000	1.4	54,000	11,000	3.2	29,000	0.7
Sweet Grass	29,000	2.4	70,000	21,000	3.0	8,000	0.9
Treasure Yellowstone	10,000 25,000	2.6 2.6	25,500 65,000	6,000	3.7	4,000 10,000	0.9 0.9
SOUTH CENTRAL	235,000	2.1	505,000	15,000 1 25,000	3.7 3.3	110,000	0.9
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Carter	33,000 22,000	1.1 2.1	35,000 46,000	3,000 12,000	3.0	30,000	0.9 0.9
Fallon	36,000	0.9	34,000	3,000	3.1 2.3	10,000 33,000	0.9
Powder River	43,000	1.2	51,000	9,000	2.1	34,000	0.9
Prairie	8,000	1.8	14,500	3,000	3.3	5,000	0.9
Rosebud	30,000	2.3	69,500	19,000	3.2	11,000	0.9
Wibaux	8,000	1.4	11,000	1,000	3.0	7,000	1.1
SOUTHEAST	180,000	1.5	261,000	50,000	2.9	130,000	0.9
MONTANA	1,300,000	2.2	2,860,000	700,000	3.1	600,000	1.1

ALFALFA HAY: Acreage, Yield, and Production by Counties and Districts, 1988

COUNTY		TOTAL		IRRI	GATED	NON-IR	RIGATED
& DISTRICT	Harvested	Yield Per Acre	Production	Harvested	Yield Por Acro	Harvested	Yield Por Agra
DISTRICT	<u>Acres</u>		Tons	Acres	Per Acre -Tons-	<u>Acres</u>	Per Acre -Tons-
Deerlodge	5,000	2.4	12,000	5,000	2.4	0	0.0
Flathead	23,000	2.3	53,000	14,000	2.9	9.000	1.4
Granite	12,000	2.1	25,000	12,000	2.1	0	0.0
Lake	48,000	2.5	121,000	40,000	2.7	8,000	1.8
Lincoln	8,000	2.1	17,000	6,500	2.3	1,500	1.3
Mineral	2,500	1.2	3,000	1,000	2.0	1,500	0.7
Missoula	15,500	2.4	37,000	14,500	2.5	1,000	1.0
Powell	22,000	1.9 2.7	41,000	19,000	2.1 2.8	3,000	0.7 1.5
Ravalli	28,000 26,000	1.5	76,500 39,500	27,000 16,000	2.1	1,000 10,000	0.6
NORTHWEST	190,000	2.2	425,000	155,000	2.5	35,000	1.1
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Blaine	17,000	1.5	25,000	12,000	1.9	5,000	0.4
Choice Clasier	8,500 9,000	1.7 1.3	14,500 12,000	7,500 5,000	1.9 2.0	1,000 4,000	0.5 0.5
Glacier	5,000	1.6	8,000	3,500	2.0	1,500	0.7
Liberty	1,500	1.7	2,500	1.000	2.0	500	1.0
Phillips	18,000	1.8	31,500	16,000	1.9	2,000	0.3
Pondera	15,000	2.1	31,000	12,000	2.4	3,000	0.7
Teton	22,000	2.3	51,000	21,000	2.4	1,000	1.0
Toole	4,000	1.1	4,500	2,000	2.0	2,000	0.3
NORTH CENTRAL	100,000	1.8	180,000	80,000	2.1	20,000	0.5
Daniels	5,000	0.9	4,500	1,500	2.0	3,500	0.4
Dawson	9,000	1.4	12,500	5,000	2.2	4,000	0.4
Garfield	4,500	1.7	7,500	4,000	1.8	500	1.0
McCone	4,000	1.9	7,500	3,000	2.3	1,000	0.5
Richland	15,000 8.000	1.6 1.5	24,000 12,000	9,500 5,000	2.3 2.2	5,500 3,000	0.4 0.3
Roosevelt	8,500	1.1	9,500	3,000	2.3	5,500	0.5
Valley	26,000	2.0	52,500	24,000	2.2	2,000	0.3
NORTHEAST	80,000	1.6	130,000	55,000	2.2	25,000	0.4
Broadwater	18,000	2.6	47,000	17,000	2.7	1,000	1.0
Cascade	36,000	1.0	34,500	8,000	2.5	28,000	0.5
Fergus	74,000	0.9	65,000	11,000	2.3	63,000	0.6
Golden Valley	6,000	1.8	10,500	4,000	2.3	2,000	0.8
Judith Basin	34,000	0.9	29,000	4,000	2.3	30,000	0.7
Lewis & Clark	24,000	2.0	48,000	18,000	2.4	6,000	0.8 1.0
Meagher	15,000 10,000	2.1 1.7	31,000 16,500	12,000 6,000	2,3 2,3	3,000 4,000	0.6
Petroleum	8,000	1.9	15,500	6,000	2.3	2,000	0.8
Wheatland	10,000	2.3	23,000	9,000	2.4	1,000	1.0
CENTRAL	235,000	1.4	320,000	95,000	2.4	140,000	0.6
Beaverhead	54,000	2.9	156,500	52,000	3.0	2,000	0.8
Gallatin	52,000	2.8	146,000	42,000	3.2	10,000	1.1
Jefferson	17,000	2.7	46,000	16,000	2.8	1,000	1.0
Madison	68,000	2.6	176,500	66,000	2.7	2,000	0.8
Silver Bow	4,000	2.5	10,000	4,000	2.5	0	0.0
SOUTHWEST	195,000	2.7	535,000	180,000	2.9	15,000	1.0
Big Horn	46,000	1.5	69,000	15,000	2.9	31,000	0.8
Carbon	38,000	1.8	69,000	24,000	2.5	14,000	0.6
Park	37,000	2.0	73,500	33,000	2.2	4,000	0.6
Stillwater	36,000	1.2	43,000	13,000	2.4	23,000	0.5
Sweet Gras	31,000	1.9	57,500	27,000	2.0 2.8	4,000 3,000	0.6 0.7
Treasure Yellowstone	9,000 28,000	2.1 2.1	19,000 59,000	6,000 17,000	3.1	11,000	0.6
SOUTH CENTRAL	225,000	1.7	390,000	135,000	2.4	90,000	0.7
Carter	9,000	0.8	7,500	2,500	2.0	6,500	0.4
Custer	13,000	2.0	26,400	9,000	2.8	4,000	0.4
Fallon	10,000	1.0	9,500	3,000	2.3	7,000	0.4
Powder River	12,000	1.2	14,000	5,500	2.2	6,500	0.3
Prairie	5,000	2.5	12,300	4,500	2.7	500	0.6
Rosebud	23,000	1.6	37,800	14,500	2.2	8,500	0.7
Wibaux	3,000 75,000	0.8 1. 5	2,500 110, 000	1,000 40,000	2.0 2.4	2,000 35, 000	0.3 0.4
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MONTANA	1,100,000	1.9	2,090,000	740,000	2.5	360,000	0.7

ALL OTHER HAY: Acreage, Yield, and Production by Counties and Districts, 1987

COUNTY		TOTAL			SATED	NON-IRI	
& DISTRICT	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
District	Meres		-Tons	reres	-Tons-	110100	-Tons-
Dan Ladas	4 500	1.8	8,000	4,500	1.8	0	0.0
Deer Lodge	4,500 9,000	1.7	15,000	4,000	1.4	5,000	1.9
Flathead	16,000	1.8	29,500	15,000	1.9	1,000	1.2
Granite	12,000	1.7	20,000	9,000	1.7	3,000	1.4
Lincoln	4,000	1.8	7,000	2,000	2.0	2,000	1.5
Mineral	1,500	1.7	2,500	500	2.2	1,000	1.4
Missoula	9,000	1.9	17,500	8,000	2.0	1,000	1.5
Powell	27,000	1.9	52,000	26,000	1.9	1,000	1.9
Ravalli	12,000	2.1	25,000	12,000	2.1	0	0.0
Sanders	5,000	1.7	8,500	3,000	2.0	2,000	1.2
NORHTWEST	100,000	1.9	185,000	84,000	1.9	16,000	1.6
Blaine	15,000	1.5	22,000	7,500	1.7	7,500	1.2
Chouteau	14,000	1.4	19,000	5,500	1.7	8,500	1.1
Glacier	10,000	1.5	15,000	5,000	1.8	5,000	1.2
Hill	16,000	1.5	24,000	2,500	1.8	13,500	1.4
Liberty	6,000	1.3	7,500	800	2.5	5,200	1.1
Phillips	44,000	1.3	57,000	26,000	1.3	18,000	1.3
Pondera	5,000	1.4	7,000	1,000	2.0	4,000	1.3
Teton	12,000	1.7	20,500	6,200	2.6	5,800	0.8 0.9
Toole	8,000	1.0	8,000	500	2.0 1.6	7,500 7 5 ,000	1.2
NORTH CENTRAL	130,000	1.4	180,000	55,000	1.0	73,000	1 .42
Daniels	20,000	1.0	20,500	0	0.0	20,000	1.0
Dawson	31,000	1.2	38,000	4,500	2.2	26,500	1.1
Garfield	21,000	1.5	30,500	3,000	2.5	18,000	1.3
McCone	59,000	1.4	81,500	4,000	1.9	55,000	1.3
Richland	28,000	1.2	32,500	3,000	2.3	25,000	1.0
Roosevelt	28,000	1.2	34,500	4,500	1.9	23,500	1.1
Sheridan	24,000	1.1	27,000	1,000	2.0	23,000	1.1
Valley	34,000	1.3	45,500	10,000	1.8	24,000	1.2 1.2
NORTHEAST	245,000	1.3	310,000	30,000	2.0	215,000	1.2
Broadwater	4,000	2.0	8,000	4,000	2.0	0	0.0
Cascade	11,000	1.8	20,000	5,000	2.4	6,000	1.3
Fergus	16,000	1.6	25,000	7,000	1.6	9,000	1.6
Golden Valley	6,000	1.3	8,000	3,000	1.7	3,000	1.0
Judith Basin	10,000	1.4	14,000	2,500	1.6	7,500	1.3
Lewis & Clark	10,000	2.0	20,000	6,000	2.2	4,000	1.8
Meagher	19,000	1.6	29,500	15,000	1.6 1.5	4,000 11,000	1.4 1.0
Musselshell	13,000 6,000	1.1 1.3	14,000 7,500	2,000 700	2.1	5,300	1.1
Petroleum Wheatland	5,000	1.8	9,000	4,800	1.8	200	1.5
CENTRAL	100,000	1.6	155,000	50,000	1.8	50,000	1.3
	·						1.0
Beaverhead	76,000	1.5	114,000	75,700	1.5	300	1.3
Gallatin	17,500	2.0	34,500	13,500	2.1	4,000 300	1.4 1.7
Jefferson	9,000	2.0 2.1	18,000 52,000	8,700 24,700	2.0 2.1	300	1.0
Madison	25,000 2,500	1.8	4,500	2,400	1.8	100	1.0
SOUTHWEST	130,000	1.7	223,000	125,000	1.7	5,000	1.4
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Big Horn	11,000	1.5	16,000	3,000	1.8	8,000	1.3
Carbon	12,000	2.2	26,500	11,000	2.3	1,000	1.5
Park	17,000	1.9	33,000	15,000	2.0	2,000	1.5 1.1
Stillwater	17,000	1.4	23,500	7,000 6,000	1.9 2.0	10,000 10,000	1.1
Sweet Grass	16,000 2,000	1.5 2.0	23,500 4,000	2,000	2.0	10,000	0.0
Treasure Yellowstone	20,000	1.7	33,500	6,000	2.6	14,000	1.3
SOUTH CENTRAL	95,000	1.7	160,000	50,000	2.1	45,000	1.2
	-		,	·		15.000	1.0
Carter	20,000	1.4	27,000	5,000	1.8	15,000	1.2
Custer	16,000	1.5	23,500	6,000	2.0	10,000	1.2 1.2
Fallon	17,000	1.3	22,000 14 500	1,500 3,000	2.0 2.0	15,500 7,000	1.2
Powder River	10,000 14,000	1.5 1.3	14,500 18,000	2,000	2.0	12,000	1.2
Rosebud	12,000	1.6	19,000	8,000	1.8	4,000	1.3
Wibaux	11,000	1.2	13,000	500	2.0	10,500	1.1
SOUTHEAST	100,000	1.4	137,000	26,000	1.9	74,000	1.2
	•		·	400.000	1.0	400.000	1.2
MONTANA	900,000	1.5	1,350,000	420,000	1.8	480,000	1.2

ALL OTHER HAY: Acreage, Yield, and Production by Counties and Districts, 1988

COUNTY		TOTAL			GATED		RIGATED
& DISTRICT	Harvested Acres	Yield Per Acre	Production	Harvested Acres	Yield Per Acre	Harvested Acres	Yield Per Acre
			l'ons		-Tons-	1100	-Tons-
Deerlodge	4,000	1.3	5,000	4,000	1.3	0	0.0
Flathead	8,000	1.4	11,500	4,000	1.9	4,000	1.0
Granite	18,000	1.3	23,500	17,000	1.3	1,000	1.0
Lake	13,000	1.5	19,200	10,000	1.7	3,000	0.7
Lincoln	4,000	1.3	5,000	2,000	1.9	2,000	
Mineral	1,000	1.3	1,300	500	1.6		0.7
Missoula	6,000	1.8				500	1.0
			10,500	5,500	1.8	500	1.0
Powell	26,000	1.3	33,000	25,000	1.3	1,000	0.5
Ravalli	14,000	1.8	25,000	13,000	1.8	1,000	1.0
Sanders	6,000	1.4	8,500	4,000	1.8	2,000	0.8
NORTHWEST	100,000	1.4	142,500	85,000	1.5	15,000	0.8
Blaine	7,000	0.9	6,000	4,000	1.3	3,000	0.3
Chouteau	11,000	0.5	5,000	3,000	1.0	8,000	0.3
Glacier	10,000	0.9	8,500	5,000	1.2	5,000	0.5
Hill	7,000	0.5	3,500	2,000	1.3	5,000	0.2
Liberty	2,000	0.6	1,200	300	1.3	1,700	0.5
Phillips	30,000	0.9	26,000	13,000	1.6	17,000	0.3
Pondera	3,000	0.9	2,600	1,000	1.8	2,000	0.3
Teton	12,000	0.9	10,900	6,500	1.5		
Toole	3,000	0.9	1,300	200	1.5	5,500 2,800	0.2 0.4
NORTH CENTRAL	85,000	0.8	65,000	35,000	1.4		0.4
1107111 (1111111111111111111111111111111	00,000	0.0	ω,σσσ	33,000	1.4	50,000	0.3
Daniels	11,000	0.3	3,500	0	0.0	11,000	0.3
Dawson	16,000	0.6	10,000	2,500	1.6	13,500	0.4
Garfield	12,000	0.5	5,500	2,000	1.3	10,000	0.3
McCone	22,500	0.5	11,500	3,000	1.0	19,500	0.4
Richland	13,000	0.5	7,000	2,000	1.5	11,000	0.4
Roosevelt	25,000	0.5	13,000	3,500	1.4	21,500	0.4
Sheridan	18,500	0.5	9,500	1,000	1.5	17,500	0.5
Valley	27,000	0.7	19,000	11,000	1.0	16,000	0.5
NORTHEAST	145,000	0.5	79,000	25,000	1.2	120,000	0.4
	1 10,000	0.0	7 7,000	20,000	1-4	120,000	0.4
Broadwater	4,000	1.2	4,600	3,900	1.2	100	1.0
Cascade	6,000	0.8	5,000	3,000	1.3	3,000	0.3
Fergus	17,000	0.9	16,000	6,500	1.4	10,500	0.7
Golden Valley	4,000	1.1	4,300	2,000	1.5	2,000	0.7
Judith Basin	8,000	0.6	5,000	2,000	1.0	6,000	0.5
Lewis & Clark	9,000	0.9	8,000	5,000	1.1	4,000	0.6
Meagher	20,000	0.9	17,500	16,000	1.0	4,000	0.4
Musselshell	6,000	0.8	4,500	2,000	1.0	4,000	0.6
Petroleum	3,000	0.7	2,000	700	1.4	2,300	0.4
Wheatland	3,000	1.0	3,100	2,900	1.0	100	1.0
CENTRAL	80,000	0.9	70,000	44,000	1.1	36,000	0.6
	01.000	1.4	· ·				
Beaverhead	91,000	1.4	130,500	90,000	1.4	1,000	0.5
Gallatin	20,000	1.4	27,500	16,000	1.6	4,000	0.6
Jefferson	10,000	1.2	12,000	10,000	1.2	0	0.0
Madison	31,000	1.4	44,500	30,000	1.5	1,000	0.5
Silver Bow	3,000	1.3	4,000	3,000	1.3	0	0.0
SOUTHWEST	155,000	1.4	218,500	149,000	1.4	6,000	0.6
Big Horn	10,000	0.8	8,300	3,500	1.6	6.500	0.4
Carbon						6,500	0.4
	12,000	1.7	20,100	11,600	1.7	400	0.3
Park	20,000	1.3	25,700	18,000	1.4	2,000	0.4
	13,000	0.9	12,000	7,000	1.4	6,000	0.3
Sweet Grass	13,000	1.0	13,000	8,000	1.4	5,000	0.4
Treasure	2,000	1.6	3,100	1,900	1.6	100	1.0
Yellowstone	15,000	1.0	14,800	6,000	1.8	9,000	0.5
SOUTH CENTRAL	85,000	1.1	97,000	56,000	1.5	29,000	0.4
Carter	10,000	0.4	4,400	2,000	1.0	8,000	0.3
Custer	6,000	0.8	4,600	3,000	1.3	3,000	0.2
Fallon	6,000	0.2	1,400	500	1.0	5,500	0.2
Powder River	5,000	0.6	3,000	2,000	1.0	3,000	0.3
Prairie	8,000	0.4	3,300	1,500	1.3	6,500	0.2
Rosebud	10,000	1.0	9,800	6,500	1.4		
Wibaux	5,000	0.3	1,500	500		3,500	0.3
SOUTHEAST	50,000	0.6	28,000	16,000	1.4 1.3	4,500 34,000	0.2 0.2
	50,000	0.0	20,000	10,000	1.3	34,000	0.2
MONTANA	700,000	1.0	700,000	410,000	1.4	290,000	0.4

CATTLE and CALVES: January 1, 1980-1989

NUMBER, VALUE PER HEAD, AND TOTAL VALUE, JANUARY I

		ALL CATTLE	
		Farr	m Value
Year	Number	Per Head	<u>Total</u>
	(000) Hd.	Dols.	(000) Dols.
1980	2,645 2,675 2,900 2,990 3,150	510 495 395 375 395	1,348,950 1,324,125 1,145,500 1,121,250 1,244,250
1985	2,960 2,450 2,400 2,350 2,350	380 375 405 595 650	1,124,800 918,750 972,000 1,398,250 1,527,500

NUMBER BY CLASSES, JANUARY 1

	COWS & THAT HAV		HEIFERS Beef	500 LBS. &	<u>OVER</u>		OTHER		TOTAL ALL
			Cow	Cow		Steers	Bulls	Calves	CATTLE
	Beef	Milk	Replace-	Replace-		500 lb.	500 lb.	under	&
Year	Cows	Cows	ments	ments	Other	& Over	& Over	500 lb.	CALVES
				Thousa	nd Head				
1980	1,427	28	275	11	111	127	87	579	2,645
1981	1,439	29	276	9	111	146	85	580	2,675
1982	1,604	29	302	12	107	183	90	573	2,900
1983	1,520	29	260	9	149	218	87	718	2,990
1984	1,637	29	328	9	189	284	98	576	3,150
1985	1,513	27	255	9	183	322	89	562	2,960
1986	1,373	27	230	10	170	245	80	315	2,450
1987	1,303	24	235	7	142	228	77	384	2,400
1988	1,275	25	255	7	156	254	72	306	2,350
1989	1,324	25	296	7	148	233	75	242	2,350

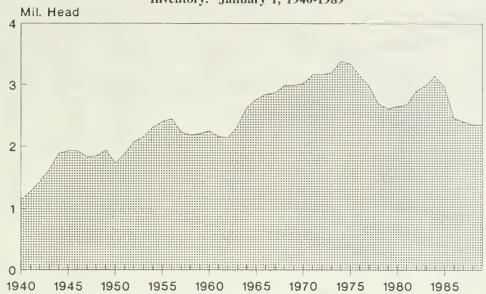
CALF CROPS AND DISPOSITION

Year	CALVES BORN	INSHIPMENTS	<u>MARK</u> <u>Cattle</u>	ETINGS ² CalvesThousand Hea	FARM ² <u>SLAUGHTER</u> <u>Cattle & Calves</u> d	DE. Cattle	ATHS <u>Calves</u>
1979 1980 1981 1982 1983	1,490 1,520 1,580 1,570 1,640	167 116 109 125 125	802 868 779 999	652 621 575 475 501	10 7 10 11 10	46 28 30 34 33	109 82 70 86 70
1984	1,610 1,470 1,375 1,280 1,350	85 95 120 132 123	1,198 1,347 1,094 1,092 1,094	560 605 340 270 280	13 8 8 6 6	39 35 33 29 32	75 80 70 65 61

Excludes interfarm sales.

Excludes animals custom slaughtered in commercial establishments for farmers.

CATTLE and CALVES Inventory: January 1, 1940-1989





CATTLE and CALVES: Production and Income, 1979-1988

			PRICE PER	100 LBS.	Cash	Value of Home	Gross
	Production 1(000	Marketing ²) Lbs	<u>Cattle</u> Dol	<u>Calves</u> lars	Receipts 3	Consumption (000) Dollars	Income
1979	893,025	966,260	67.10	89.80	699,980	11,502	711,482
1980	999,435	1,033,150	58.00	76.80	639,938	8,769	648,707
1981	1,098,045	933,300	51.90	62.70	506,118	8,806	514,924
1982	1,024,395	1,081,170	48.20	60.30	540,617	9,640	550,257
1983	1,200,700	1,081,670	48.00	62.40	543,673	10,003	553,676
1984	1,043,330	1,197,630	47.20	60.90	597,832	11,886	609,718
1985	978,465	1,370,480	47.60	62.20	689,331	11,218	700,549
1986	903,965	1,051,960	49.30	62.60	537,562	8,720	546,282
1987	886,060	980,980	61.10	80.70	622,071	8,856	630,927
1988	932,740	1,009,810	65.70	90.60	693,345	8,858	702,203

¹ Adjustments made for inshipments and changes in inventory.

MILK COWS: Milk Cows on Farms, Production Per Cow, Milkfat, and Total Production, 1979-1988

	V.''' G	PRODUCTIO	N PER COW		TOTAL PRODUCTION ²		
	Milk Cows on Farms ¹ (000) Head	<u>Milk</u> Po	<u>Milkfat</u> ounds	<u>Milkfat</u> Percent	Milk M	<u>Milkfat</u> il. Lbs	
1979	28	10,607	380	3.58	297	11	
1980	29	10,828	383	3.54	314	11	
1981	29	11,414	403	3.53	331	12	
1982	29	11,759	420	3.57	341	12	
1983	29	12,241	438	3.58	355	12.7	
1984	28	12,179	434	3.56	341	12.1	
1985	28	12,464	442	3.55	349	12.4	
1986	27	12,519	442	3.53	338	11.9	
1987	25	13,560	477	3.52	339	11.9	
1988	25	14,080	493	3.50	352	12.3	

¹ Average number during year, excluding heifers not yet fresh.

² Excludes milk sucked by calves.





² Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced.

³ Receipts from marketings and sale of farm slaughter.

MILK AND CREAM MARKETED: Quantity, Price, and Cash Receipts, 1979-1988

	MILK SOLD TO PLANTS AND DEALERS			CREA	CREAM SOLD TO PLANTS AND DEALERS			MILK SOLD DIRECTLY TO CONSUMERS		
		Price			Price			Price		
		Per	Cash	Quantity	Per Lb.	Cash		Per	Cash	
Year	Quantity	100 Lbs.	Receipts	Milkfat	Fat	Receipts	Quantity	Quart	Receipts	
	Mil. Lbs.	Dols.	000 Dols.	000 Lbs.	Cents	000 Dols.	000 Qts.	Cents	000 Dols.	
1979	275	11.90	32,725	176	1.00	176	1,395	44.0	614	
1980	295	12.80	37,760	Seri	es discontinu	ed	1,395	47.0	656	
1981	311	13.40	41,674				1,395	50.0	698	
1982	319	13.20	42,108				1,395	52.0	725	
1983	333	13.30	44,289				1,395	52.0	726	
1984	316	13.80	43,608				1,395	55.0	767	
1985	329	13.10	43,099				1,395	54.0	753	
1986	320	12.70	40,640				1,395	50.0	698	
1987	322	12.50	40,250				1,395	45.0	628	
1988	333	12.20	40,626				1,395	45.0	628	

DAIRY PRODUCTS MARKETED: Income and Value, 1979-1988

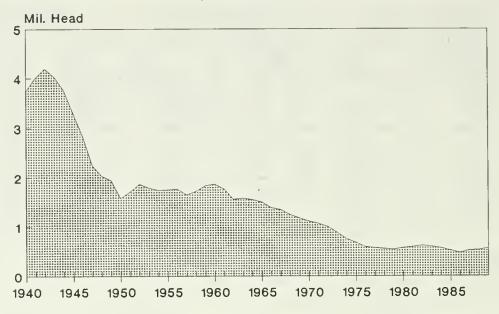
	Combined Marketing of Milk and Cream				Used for Milk,			
	Average Returns 1			Cash	Cream and Butter on		Gross Farm	Farm
		Per 100	Per	Receipts	Farms Where Produced		Income	Value
	Milk	Pounds	Pound	from	Milk		from Dairy	of Milk
Year	Utilized	Milk	Milkfat	Marketings	Utilized	Value ²	Products 3	Produced 4
	Mil. Lbs.	Dollars		000 Dols.	Mil. Lbs. 000 1	000 Dols.	000 1	Dols
1979	278	11.99	3.35	33,339	11	1,319	34,658	35,610
1980	298	12.89	3.64	38,416	9	1,160	39,576	40,475
1981	314	13.49	3.82	42,372	9	1,214	43,586	44,652
1982	322	13.30	3.73	42,833	7	931	43,764	43,353
1983	336	13.40	3.74	45,015	9	1,206	46,220	47,560
1984	319	13.91	3.91	44,375	10	1,391	45,767	47,436
1985	332	13.21	3.72	43,852	7	925	44,777	46,098
1986	323	12.80	3.63	41,338	6	768	42,106	43,257
1987	325	12.58	3.57	40,878	6	755	41,633	42,639
1988	336	12.28	3.51	41,254	8	982	42,236	43,218

Includes value of milk fed to calves.

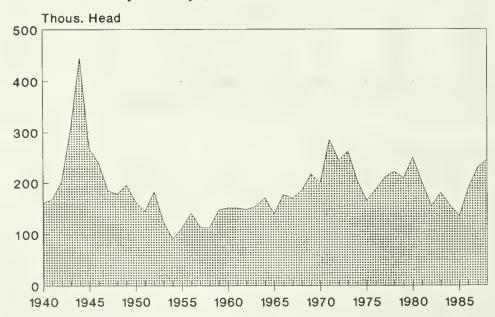


Cash receipts divided by milk or milkfat represented in combined marketings.
 Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.
 Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

SHEEP and LAMBS
Inventory: January 1, 1940-1989



HOGS and PIGS Inventory: January 1, 1940-1967, December 1, 1968-1988



SHEEP, LAMBS & WOOL

Number, Value Per Head and Classes, January 1, 1980-1989

						STOC	K SHEEP		
		ALL	SHEEP & LA	MBS	ONE YEAR & OVER LAMBS			MBS	
		Farm V	/alue	Sheep on	Stock		Wethers		Wethers
Year	<u>Number</u>	Per Head	Total	Feed	Sheep	Ewes	& Rams	Ewes	& Rams
	(000)	Dols.	(000)	(000) 1			(000) I	lead	
1980	574	91.50	52,521	14	560	400	13	136	11
1981	595	69.50	41,353	15	580	420	15	130	15
1982	616	55.00	33,880	16	600	455	15	117	13
1983	600	50.50	30,300	20	580	459	16	90	15
1984	564	51.00	28,764	34	530	432	15	72	11
1985	515	57.50	29,613	45	470	390	12	60	8
1986	473	61.50	29,090	23	450	370	11	60	9
1987	523	82.00	42,886	23	500	370	13	106	11
1988	530	99.00	52,470	27	503	380	12	106	5
1989	568	89.00	50,552	30	538	410	14	105	9

Wool Production and Value, 1979-1988

Year	Sheep Shorn (000) Hd.	Per Fleece -Lbs	(000) Lbs	Price Per LbCents-	Value (000) Dols.
1979	510	9.7	4,970	94	4,672
	539	9.9	5,359	99	5,305
	565	10.0	5,670	102	5,783
	575	10.3	5,903	79	4,663
	574	10.0	5,745	67	3,849
1984	585	9.7	5,700	83	4,740
	526	10.6	5,587	67	3,743
	500	10.5	5,225	74	3,867
	511	10.1	5,165	102	5,268
	533	10.5	5,600	148	8,288

Lamb Cro	p and Di	sposition,	1979-1988
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Lamb Crop and	Disposition	, 1979-1988			FARM		
·	Lambs	INSHIPMENTS	MARKE	TINGS 1	SLAUGHTER 2	DEA	THS
Year	Saved	Sheep & Lambs	Sheep	Lambs	Sheep & Lambs	Sheep	Lambs
		(000) Head	***				
1070	262	00	50	100			
1979	360	33	52	188	3	60	56
1980	390	25	87	184	2	62	59
1981	420	25	73	233	3	60	55
1982	470	21	94	309	2	50	52
1983	475	22	119	336	3	30	45
1984	470	34	101	332	3	60	57
1985	470	33	78	378	2	42	45
1986	450	39	60	289	3	45	42
1987	440	27	87	282	1	45	45
1988	460	26	45	304	2	50	47

Excludes interfarm sales. Includes animals custom slaughtered in commercial establishments for use on farms where produced. Excludes animals custom slaughtered in commercial establishments for farmers.

Production and Income from Sheep and Lambs, 1979-1988

Price Per 100 Lbs. Cash Value of							Gross
Year	Production 1	Marketings 2	Sheep	Lambs	Receipts 3	Consumption	Income
	(000) F	ounds	Doll	ars		(000) Dollars	
1979	26,219	24,041	24.40	68.20	13,243	247	13,490
1980	29,124	28,564	17.70	61.70	12,307	158	12,465
1981	36,494	35,311	17.40	47.20	13,469	185	13,654
1982	43,293	46,576	15.00	48.10	17,815	94	17,909
1983	42,994	49,335	11.40	47.80	17,782	221	18,003
1984	32,048	42,362	14.30	60.30	19,302	227	19,529
1985	36,251	44,845	17.60	66.80	24,584	220	24,804
1986	35,810	35,124	22.70	67.20	19,865	333	20,198
1987	35,202	37,126	27.40	80.50	23,326	133	23,459
1988	36,237	33,394	22.20	66.30	19,302	226	19,528

Adjustments made for inshipments and changes in inventory.

Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced. Includes receipts from marketings and from sales of farm slaughtered meat.

HOGS & PIGS

Number, Value Per Head and Total Value, December 1, 1979-1988

	<u>Number</u>	Number	Number By Classes		
Year	<u>Number</u> (000) Hd.	Farm V <u>Per Head</u> -Dols	Total (000) Dols.	Breeding (000)	Marketing Head
1979	209	53.50	11,182	28	181
	250	63.50	15,875	31	219
	200	60.50	12,100	24	176
	154	77.50	11,935	20	134
	180	60.00	10,800	21	159
1984	155	67.00	10,385	16	139
	135	69.50	9,383	16	119
	190	82.50	15,675	21	169
	230	72.50	16,675	30	200
	245	72.00	17,640	32	213

Pig Crops and Disposition, 1979-1988

Year	Pig C Spring	rops Fall	In Shipments	Marketings ¹ (000) Head-	Farm Slaughter ²	Deaths
1979 1980 1981 1982	155 185 180 152 128	153 185 154 104 128	4 7 6 6 6	299 302 362 295 216	5 10 8 3 5	21 24 20 10 15
1984	117 126 156 173 184	131 118 168 185 217	6 6 7 7 7	257 252 257 306 369	5 7 3 3 4	17 11 16 16 20

Includes animals custom slaughtered in commercial establishments for use on farms where produced.
 Excludes animals custom slaughtered in commercial establishments for farmers.

Production and Income from Hogs and Pigs, 1979-1988

Year	Production 1(000)	Marketings ² Lbs	Price Per 100 Pounds -Dols	Cash Receipts ³ (000) Dols.		Gross Income) Dols
1979	76,685 82,039 64,016	72,095 70,850 84,585 69,429 50,960	39.50 37.20 41.40 46.80 43.90	28,491 26,433 35,090 32,614 22,500	835 1,136 1,167 526 671	29,326 27,569 36,257 33,140 23,171
1984	56,622 65,069 75,066	60,882 56,731 58,026 67,687 83,090	43.90 38.50 42.10 45.80 36.60	26,855 21,954 24,503 31,257 30,633	671 760 534 872 516	27,526 22,714 25,037 32,129 31,149

¹ Adjustments made for inshipments and changes in inventory. ² Excludes interfarm sales and custom slaughter in commercial establishments for use on farms where produced. ³ Includes receipts from marketings and from sales of farm slaughtered meat.

CHICKENS

Number	Value	Per Ric	d and Total	Value	December	1, 1979-1988	2
Number.	Valle:	rer bu	I MIII I OLM	. vainc.	December	1. 17/7"1700	,

		Farm	value
Year	Numbers	Per Bird	Total
	(000)	Dollars	000 Dols.
1979	890	2.25	2,003
1980	965	2.45	2,364
1981	940	2.10	1,974
1982	970	2.25	2,183
1983	940	1.95	1,833
1984	1,025	2.00	2,050
1985	1,010	1.80	1,818
1986	1,010	2.00	2,020
1987	990	2.45	2,426
1988	910	2.30	2,093

			1050 5000
Production	& Income	from Chickens.	1979-1988

n emenens, 12	72 2200	Price Per	Cash	Gross
Produced	Sold	Pound	Receipts	Income
(000)	Lbs	-Cents-	(000)	Dols
1,444	1,180	7.0	83	126
2,450	1,460	8.0	117	159
3,362	2,900	6.0	174	204
3,474	3,000	6.0	180	206
3,021	2,680	7.0	188	219
3,008	2,320	8.0	186	220
4	2,400	7.0	168	4
4	2,360	8.0	189	4
4	2.480	6.0	149	4
4	2,896	6.0	174	4
	Produced(000) 1,444 2,450 3,362 3,474 3,021 3,008 4 4	(000) Lbs 1,444	Produced Sold Pound(000) Lbs 1,444 1,180 7.0 2,450 1,460 8.0 3,362 2,900 6.0 3,474 3,000 6.0 3,021 2,680 7.0 3,008 2,320 8.0 4 2,400 7.0 4 2,360 8.0 4 2,480 6.0	Produced Sold Pound -Cents- Cash Receipts 1,444 1,180 7.0 83 2,450 1,460 8.0 117 3,362 2,900 6.0 174 3,474 3,000 6.0 180 3,021 2,680 7.0 188 3,008 2,320 8.0 186 4 2,400 7.0 168 4 2,360 8.0 189 4 2,480 6.0 149

Farm Production, Disposition and Income from Eggs, 1979-1988

Year ¹	Layers ² -(000)-	Eggs Per <u>Layer</u> No.	Egg <u>Production</u>	Consumed in Household Millions	Sold	Price Per <u>Dozen</u> Cents	Cash Receipts (000	Gross Income) Dols
1979 ³ 1980 1981 1982	754 727 778 767	236 234 224 245	178 170 174 188	7 5 3 3	171 165 171 185	62.5 57.5 62.0 55.0	8,906 7,906 8,835 8,479	9,271 8,146 8,990 8,617
1983	772 770 807 790 789 773	250 257 250 254 260 251	193 198 202 201 205 194	5 5 4 4 4	188 193 4 4 4	55.5 64.0 51.0 56.0 50.0 48.0	8,695 10,293 4 4 4	8,926 10,560 8,585 9,380 8,542 7,760

¹ Data related to the 12 month period beginning with December 1, of the previous year through November of the current year. ² Average number of layers on hand during the year. ³ Included are eggs destroyed because of possible PCB contamination. ⁴ Discontinued.

HONEY AND BEESWAX: Production, Price, and Value, 1976-1988

	Colonies	Yield Per	Prod	uction	Price P	er Pound	Value_of	Production
Year	of Bees	Per Colony	Honey	Beeswax	Honcy	Beeswax	<u>Honey</u>	Beeswax
	-Number-	-Lbs	-(000)) Lbs	-Cei	nts-	-(000) Dols
1976	85,000	112	9,520	162	46.9	108.0	4,465	175
1977	96,000	57	5,472	104	53.9	172.0	2,949	179
1978	99,000	89	8,811	159	53.8	178.0	4,740	283
1979	103,000	128	13,184	224	57.7	164.0	7,607	367
1980	103,000	104	10,712	214	56.0	190.0	5,999	407
1981	108,000	100	10,800	184	57.0	198.0	6,156	364
1982-1985	Data Not	Available	•					
1986	110,000	64	7.040	1	50.0	1	3,520	1
1987	95,000	102	9,690	1	44.0	1	4,264	1
1988	105,000	48	5,040	1	47.0	1	2,369	1

^{1/} Discontinued

COMMERCIAL LIVESTOCK SLAUGHTER

Number of Head by Classes and Years, 1979-1988

Year	Cattle and Calves	Hogs and Pigs	Sheep and Lambs
	-(000) Head-	-(000) Head-	-(000) Head-
1979	151.1	461.8	2.3
	156.2	526.5	2.9
	134.4	526.3	3.6
	92.0	440.3	4.2
	99.1	354.1	4.2
1984	92.6	70.5	4.0
	40.2	31.9	3.0
	28.4	28.5	2.9
	22.4	27.2	2.9
	18.2	30.3	2.6

Total Red Meat Production by Months, 1979-1988 ¹

Year	Jan.	Feb.	Mar.	Apr.	May	June	Júly	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						Millio	ons of Po	ounds					
1979	12	10	11	10	12	13	14	16	15	18	17	14	162
1980	16	15	13	15	16	15	15	15	15	17	15	16	183
1981	14	13	14	14	14	14	13	11	15	16	16	15	169
1982 2		39			24			25			38		126
1983	13	11	11	10	9	12	10	12	12	8	5	5	118
1984	5	4	2	3	4	4	4	6	6	8	10	7	63
1985	6	3	2	2	2	2	2	2	2	2	2	2	29
1986	2	1	1	2	2	2	2	2	2	2	1	2	21
1987	1	1	1	1	1	2	2	2	1	2	2	2	18
1988	1	i	ī	ĺ	ĺ	1	1	2	1	1	1	1	13

¹ Includes slaughter in Federally inspected and other slaughter plants but excludes animals slaughtered on farms. ² Quarterly totals only.

Number of head Slaughtered by Months and Classes, 1979-1988

Month	1986	ttle and Cal 1987 -(000) Head	1988	1986	ogs and Pi 1987 (000) Head	1988	1986	ep and Lam 1987 (000) Head	1988
January	2.4	1.9	1.4	2.5	2.2	2.4	.2	.1	.1
	1.7	1.6	1.2	2.0	1.9	2.1	.1	.1	.1
	1.9	1.7	1.4	2.4	2.3	2.5	.1	.1	.1
April	2.3	1.8	1.3	2.4	2.2	2.3	.1	.2	.1
	2.3	1.9	1.5	2.4	1.8	2.3	.1	.1	.1
	2.2	1.9	1.7	2.3	2.0	2.2	.1	.2	.2
July	2.6	2.1	1.4	2.4	2.2	2.4	.3	.3	.2
	2.6	1.9	2.0	2.5	2.6	3.2	.6	.5	.7
	3.2	1.8	1.6	2.5	2.4	2.8	.4	.4	.4
October	2.7	2.1	1.6	2.6	2.4	3.0	.4	.4	.3
	2.1	1.8	1.6	2.0	2.5	2.7	.2	.2	.2
	2.3	1.8	1.4	2.4	2.6	2.4	.2	.2	.2
Total 1	28.4	22.4	18.2	28.5	27.2	30.3	2.9	2.9	2.6

¹ May not add due to rounding.

DAIRY PRODUCTS MANUFACTURED

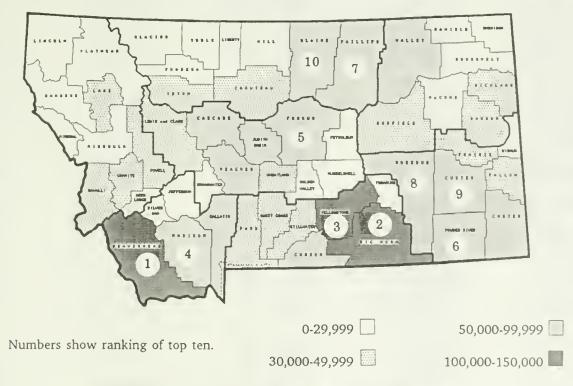
Year	Creamery Butter	American Cheddar (000) Pounds	Cheese Creamed G	Ice Cream	Ice Milk ¹ (000) G	Sherbet Gallons	"Mellorine Type" Frozen Desserts
1979 1980 1981 1982 1983	1,796 1,938 2,082 2,191 1,907	1,574 2 2 2 2	4,962 5,200 5,635 5,578 6,155	1,794 1,963 1,908 1,833 1,931	1,300 1,063 963 1,057 1,070	81 82 71 82 91	58 2 2 2 2
1984 1985 1986 1987	1,768 1,794 1,843 1,533 1,350	2 2 2 2 2 2	6,511 4,287 3,858 3,646 3,281	1,984 1,895 1,882 1,511	1,017 1,368 1,301 1,094 1,087	88 102 86 2 2	2 2 2 2 2

¹ Includes low fat ice cream. ² Not published to avoid disclosing individual plant operations.

CATTLE and CALVES: Percent of Operations and Inventory By Size Groups, 1979-1988

	1-49	Head	50-99	Head	100-499	Head	500 Head	1 & Over
Year	Operations	Inventory	Operations	Inventory	Operations	Inventory	Operations	Inventory
				••	Percent			
1979	45.0	3.5	17.6	5.9	29.9	40.0	7.5	50.6
1980	42.4	3.6	15.8	5.1	33.9	39.6	7.9	51.7
1981	39.3	2.8	14.1	4.0	36.8	37.6	9.8	55.6
1982	36.2	3.0	16.3	5.7	37.5	39.3	10.0	52.0
1983	36.8	3.5	15.3	5.0	38.1	43.2	9.8	48.3
1984	39.8	3.8	15.1	5.6	36.7	44.6	8.4	46.0
1985	43.2	4.5	16.7	7.5	33.3	44.1	6.8	43.9
1986	44.3	5.0	17.5	8.0	31.9	43.5	6.3	43.5
1987	47.8	4.4	14.0	6.6	32.5	47.5	5.7	41.5
1988	45.9	4.8	15.9	7.7	31.8	43.0	6.4	44.5

CATTLE & CALVES NUMBER OF HEAD JANUARY 1, 1988





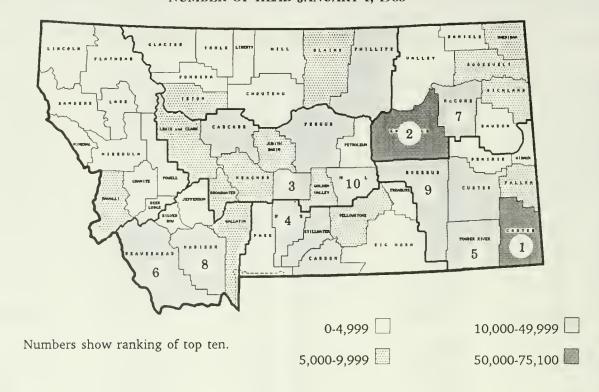
LIVESTOCK: Inventory by Counties, January 1, 1987-1988

COUNTY		101		and Heifers
&		le and Calves		ve Calved
DISTRICT	<u>1987</u>	<u>1988</u>	<u>1987</u>	<u>1988</u>
Deer Lodge	8,900	8,500	0	0
Flathead	23,500	22,500	1,700	2,100
		30,000	0	·
Granite	31,800			0
Lake	49,000	49,000	2,800	2,900
Lincoln	6,000	5,500	100	100
Mineral	1,200	1,100	0	0
Missoula	14,000	13,500	200	200
Powell	45,100	43,000	200	200
Ravalli	46,000	42,000	2,300	2,400
Sanders	22,000	27,000	300	300
NORTHWEST	247,500	242,100	7,600	8,200
		•		
Blaine	68,500	65,000	200	200
Chouteau	47,000	40,000	100	100
Glacier	25,500	25,000	200	300
Hill	23,000	22,500	300	300
Liberty	11,800	13,000	300	400
Phillips	68,600	69,000	100	100
Pondera	21,700	22,000	400	500
Teton	47,200	43,000	700	700
Toole	14,700	15,000	300	300
NORTH CENTRAL	328,000	314,500	2,600	2,900
NORTH CENTRAL	328,000	314,300	2,000	2,900
Daniels	13,700	13,000	0	0
Dawson	34,500	34,000	400	400
	•		100	100
Garfield	50,900	49,000		
McCone	31,300	29,000	100	100
Richland	38,200	39,700	100	100
Roosevelt	17,600	19,000	0	0
Sheridan	16,800	16,500	0	0
Valley	60,500	60,000	100	100
NORTHEAST	2 63,5 00	260,200	800	800
Broadwater	24,500	23,000	100	0
Cascade	61,000	63,000	1,200	1,300
Fergus	93,100	92,500	500	500
Golden Valley	22,500	22,000	100	100
Judith Basin	51,000	50,000	100	100
Lewis & Clark	38,000	39,000	400	200
Meagher	52,800	51,000	100	100
Musselshell	30,300	28,000	100	100
Petroleum	26,400	25,000	0	0
Wheatland	31,400	31,000	300	300
	431,000	424,500	2,900	2,700
CENTRAL	431,000	424,300	2,700	2,700
Beaverhead	155,300	150,000	0	0
Gallatin	67,600	64,000 22,000	5,500 500	5,600 500
Jefferson	22,600			
Madison	107,500	98,000	100	200
Silver Bow	5,900	6,700	200	200
SOUTHWEST	358,900	340,700	6,300	6,500
Die Here	110 700	110 000	200	202
Big Horn	110,700	113,000	200	200
Carbon	47,000	50,000	500	400
Park	47,000	47,000	400	500
Stillwater	44,100	44,000	200	200
Sweet Grass	43,000	41,500	100	100
Treasure	27,400	27,500	0	0
Yellowstone	99,500	100,000	1,700	1,900
SOUTH CENTRAL	418,700	423,000	3,100	3,300
Carter	55,800	52,000	100	100
Custer	63,600	65,000	100	100
Fallon	37,200	36,000	0	0
Powder River	75,400	69,000	100	100
Prairie	37,200	36,000	100	0
Rosebud	65,600	68,500	100	100
Wibaux	17,600	18,500	200	200
SOUTHEAST	352,400	345,000	700	600
		010,000	, 00	
MONTANA	2,400,000	2,350,000	24,000	25,000
	_, ,	_,000,000	21,000	20,000

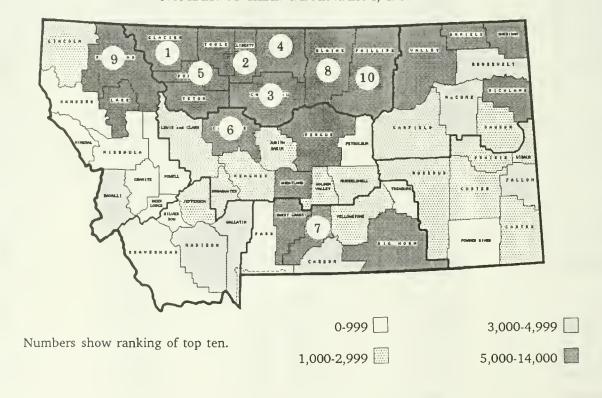
LIVESTOCK: Inventory by Counties, January 1, 1987-1988

COUNTY	Beef Cov	ws and Heifers		
8x		Have Calved		p and Lambs
DISTRICT	<u>1987</u>	<u>1988</u>	<u>1987</u>	<u>1988</u>
Deer Leden	4.000	4.000	200	200
Deer Lodge	4,800	4,900	300	300
Flathead	10,000	8,900	1,300	1,900
Granite	18,000	17,000	900	900
Lake	25,600	27,000	4,500	4,700
Lincoln	3,300 600	3,000 600	200 100	100 100
Mineral	6,300	6,900	900	1,500
Powell	26,600	26,000	1,900	2,200
Ravalli	20,100	19,000	5,500	5,300
Sanders	12,100	13,000	1,100	1,400
NORTHWEST	127,400	126,300	16,700	18,400
1101(1111111111111111111111111111111111	,_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	120,000	20,700	70,100
Blaine	40,800	40,400	6,000	5,800
Chouteau	27,000	24,000	2,000	1,700
Glacier	15,700	15,000	2,800	2,700
11ill	12,100	13,700	900	700
Liberty	6,100	7,000	600	900
Phillips	39,900	39,500	10,000	11,000
Pondera	12,400	13,000	5,000	4,500
Teton	26,400	23,500	7,500	8,500
Toole	8,500	9,500	2,300	1,400
NORTH CENTRAL	188,900	185,600	37,100	37,200
		•		
Daniels	8,500	8,000	1,400	1,800
Dawson	20,700	19,200	3,300	3,400
Garfield	26,900	27,300	70,000	68,300
McCone	20,800	18,200	18,500	16,000
Richland	20,200	20,600	6,500	5,900
Roosevelt	10,900	11,800	4,000	6,500
Sheridan	10,500	10,000	3,000	5,000
Valley	34,500	35,500	3,800	3,600
NORTHEAST	153,000	150,600	110,500	110,500
Decederates	15 100	12 500	4 500	F 400
Broadwater	15,100	13,500	4,500 9,000	5,400
Caseade	32,400 56,300	36,000 56,500	11,500	10,000
Fergus	56,300 13,600	12,000	9,500	11,000 8,000
Judith Basin	31,800	30,300	10,000	9,800
Lewis & Clark	19,900	22,600	9,000	8,000
Meagher	30,800	31,000	6,500	5,500
Musselshell	17,600	16,500	13,800	14,200
Petroleum	15,300	15,000	4,500	4,400
Wheatland	18,600	17,500	23,000	22,400
CENTRAL	251,400	250,900	101,300	98,700
	,.	,-	,-	,
Beaverhead	75,700	82,100	19,500	18,200
Gallatin	26,500	25,700	7,000	7,400
Jefferson	14,800	13,300	900	1,500
Madison	56,800	55,000	17,500	15,700
Silver Bow	2,900	3,500	400	400
SOUTHWEST	176,700	179,600	45,300	43,200
Big Horn	61,200	55,000	6,000	3,600
Carbon	23,200	23,200	12,000	13,800
Park	28,400	29,000	5,000	4,400
Stillwater	27,900	24,000	13,500	12,800
Sweet Grass	25,600	25,300	20,000	20,500
Treasure	14,200	13,000	1,200	1,500
Yellowstone	29,300	27,200	6,500	5,900
SOUTH CENTRAL	209,800	196,700	64,200	62,500
Cartar	22.200	20.000	76 200	75 100
Custor	32,200	30,000 33,700	76,200	75,100
Custer	34,600	32,700	8,000	11,100
Fallon	22,300	22,000	4,000	6,400
Powder River	40,000	37,000 17,500	19,000	18,900
Prairie	20,900 34,900	17,500 36,000	4,500 10,700	3,600 14,700
Wibaux	10,900	10,100	2,500	2,700
SOUTHEAST	195,800	185,300	124,900	132,500
CONTRACTOR OF THE STATE OF THE	170,000	100,000	121,700	104,000
MONTANA	1,303,000	1,275,000	500,000	503,000
		,		,

SHEEP and LAMBS NUMBER OF HEAD JANUARY 1, 1988



HOGS and PIGS NUMBER OF HEAD DECEMBER 1, 1987



LIVESTOCK: Inventory by Counties, December 1, 1986-1987

COUNTY				
&	1006	Hogs and Pigs	1006	Chickens
DISTRICT	<u>1986</u>	<u>1987</u>	1986	<u>1987</u>
Deer Lodge	300	200		
Flathead	6,500	7,300		
Granite	400	500		
Lake	4,200	6,100		
Lincoln	900	1,700		
Mineral	200	300		
Missoula	200	300		
Powell	600	700 4,000		
Ravalli	2,400 400	900		
NORTHWEST	16,100	22,000	111,900	110,300
110111111111111111111111111111111111111	10,100	,	111,700	110,500
Blaine	5,500	7,500		
Chouteau	10,000	12,500		
Glacier	11,000	14,000		
Hill	12,500	12,000		
Liberty	10,500	13,000		
Phillips	4,500	7,200		
Pondera	8,900	9,100		
Teton	8,000	7,200		
Toole	6,500	6,500	303 300	192,900
NORTH CENTRAL	77,400	89,000	203,300	192,900
Daniels	5,000	5,400		
Dawson	1,300	2,300		
Garfield	2,000	2,200		
McCone	1,800	3,100		
Richland	4,500	5,000		
Roosevelt	4,000	4,300		
Sheridan	3,200	5,500		
Valley	4,000	6,700		
NORTHEAST	25,800	34,500	14,800	16,300
Dunadaratas	1.000	1,000		
Broadwater	1,000	1,000		
Cascade	5,800	8,500 6,400		
Fergus	5,600 3,700	6,400 2,800		
Judith Basin	900	1,500		
Lewis & Clark	1,800	2,600		
Meagher	1,700	2,300		
Musselshell	1,200	1,900		
Petroleum	0	0		
Wheatland	6,500	7,000		
CENTRAL	28,200	34,000	282,700	231,400
Beaverhead	400	500		
Gallatin	4,500	4,800		
Jefferson	1,500	2,100		
Madison	4,000 200	3,400 200		
Silver Bow SOUTHWEST	10,600	11,000	161,600	204,500
COURT IN THE STATE OF THE STATE	10,000	11,000	101,000	204,300
Big Horn	3,600	6,500		
Carbon	2,200	3,500		
Park	500	600		
Stillwater	5,000	8,000		
Sweet Grass	5,000	5,200		
Treasure	300	200		
Yellowstone	4,600	2,500		
SOUTH CENTRAL	21,200	26,500	201,700	201,200
Carter	2.400	2,000		
Carter	2,400	2,000		
Fallon	1,100 2,600	1,400 4,200		
Powder River	600	4,200 500		
Prairie	1,500	1,700		
Rosebud	1,400	1,900		
Wibaux	1,100	1,300		
SOUTHEAST	10,700	13,000	34,000	33,400
		, , , ,	·	
MONTANA	190,000	230,000	1,010,000	990,000

AGRICULTURAL EXPORTS

The value of Montana agricultural commodities exported during the year ending September 30, 1988, totaled \$432.3 million, up 64 percent from a year earlier. Wheat and wheat products accounted for 79 percent of the total value of exports for the state.

Value of United States agricultural commodities exported for the year ending September 30, 1988, increased 27 percent from the previous fiscal year. Wheat and wheat products accounted for 13 percent of the total value of the nation's exports.

Kansas ranked Number One in the export of wheat and wheat products in fiscal year 1988, followed by North Dakota, Oklahoma, Montana, and Washington. California is the leading agricultural export state for all products, followed by Iowa, Illinois, Kansas, and Texas.

About 18 percent of the nation's total agricultural production was exported in fiscal year 1988--the highest level in four years, but still below the record 24 percent set in fiscal year 1981.

AGRICULTURAL EXPORTS: Montana and U.S., 1986 - 1988 1

		MONTANA	Α		UNITED STATES			
COMMODITY	1986	1987	1988	1986	1987	1988		
	N	lillion Dol	lars		Million Dollars			
Wheat and Products	66.7	189.9	342.0	3,546.8	3,115.6	4,673.8		
Feed Grains and Products	5.1	41.9	52.3	4,707.2	4,662.3	6,228.5		
Fruits and Preparations	.6	.4	.6	1,237.0	1,466.2	1,714.4		
Vegetables and Preparations				998.2	1,175.8	1,282.4		
Live Animals and Meat	6.5	5.0	7.8	1,356.7	1,630.2	2,248.6		
Hides and Skins				1,440.4	1,665.6	1,837.5		
Poultry and Products				455.3	594.3	647.4		
Fats, Oils and Greases				476.5	416.8	544.6		
Dairy Products				431.0	490.6	535.5		
Feeds and Fodders	6.4	17.4	15.2	557.0	671.9	872.9		
Seeds	1.8	1.9	2.1	366.4	371.1	414.5		
Other	2.3	7.4	12.3	1,427.8	1,656.3	1,958.9		
ALL COMMODITIES	89.4	263.9	432.3	26,306.9	27,876.0	35,334.3		

¹ Fiscal year ending September 30.

SOURCE: Foreign Agricultural Trade of the U.S., March/April 1989.

REPORTS ISSUED and PUBLICATION DATES

REPORT	FREQUENCY	APPROXIMATE DATE OF PUBLICATION ¹
MONTANA REPORTS:		
Crop & Livestock Reporter Crop-Weather Report Crop-Weather Report Montana Agricultural Statistics bulletin	Twice Monthly Weekly Monthly Annual	2nd & 4th Thursdays Mondays, April-October 10th of Month, November-March October
NATIONAL REPORTS ON CROPS:		
Crop Forecasts Winter Wheat Seedings Prospective Plantings Annual Crop Summary and Value of Production Cherry Production Potato Stocks Range and Pasture Condition Stocks of Grains Wheat Movement Summary Wheat and Barley Varieties	Monthly Annual Annual Annual Semi-Annually Monthly Monthly Quarterly Semi-Annually Annual	12th of Month January 12 March 31 January 12 June forecast, January final 15th of Month, December-May 12th of Month, April-November January, March, June & September March & September July 15
NATIONAL REPORTS ON LIVESTOCK, DAIRY, POULTRY and LIVESTOCK P	RODUCTION:	
Poultry (Egg Production, Chick and Poult Hatchings) Livestock Slaughter Cattle Inventory and Calf Crop Sheep Inventory and Lamb Crop Wool Crop Hog Inventory and Pig Crop Meat Animals, Marketings and Cash Receipts Milk Cows and Milk Production	Quarterly Monthly Semi-Annually Annual Annual Quarterly Annual Quarterly	March, June, September, December 20th of Month February 5 & July 29 February 5 March 25 January, March, June, September April January, April, July & October
NATIONAL PRICE REPORTS:		
Agricultural Prices	Monthly Annual	Last working day of month February
NATIONAL MISCELLANEOUS REPORTS:		
Farms and Farm Land Farm Labor (Regional Data Only)	Annual Quarterly	August 9 February, May, August, November

¹ Pending program changes may change some publication dates. Statistics in the National program are released in Washington, D.C. and locally according to strict, predetermined dates. Various series are included in the "MONTANA CROP & LIVESTOCK REPORTER" published twice a month.

SUBSCRIPTION INFORMATION:

- 1. Montana Crop & Livestock Reporter—a semi-monthly publication containing various crop, livestock, price and other farm data. Price: \$12.00 for 24 issues.
- 2. Crop-Weather Report--follows crop progress and livestock situation. Price: \$14.00 for 30 issues.
- 3. Montana Agricultural Statistics Bulletin--Price: \$5.00. Those who provide survey information are not charged.

Mailing address:

Office location:

Montana Agricultural Statistics Service P.O. Box 4369 Helena, Montana 59604 Federal Building 301 South Park, Room 398 Helena, Montana 59624 Phone: (406) 449-5303



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